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Welcome to the July issue. Lots of loggings this month, but before I start the column, I would like to express my special thanks to Don Bishop for publishing last month's bulletin while I was out of town. Thanks Don! Now, all the usual info: Please send your loggings so that I received them by the 25th of the month for the next month's issue. Loggings, and all club news should be sent to the ACE at P.O.B. 11201, Shawnee Mission, Kansas 66207.

NORTH AMERICA - SHORTWAVE

Cheap Radio Thrills Network: 7415, 6/10, 0315-0400, SIO=211. Comedy & anncts for "Moldy Oldies." Annmt for movie "An Officer & An Elephant Man" & PSA for "don't drink & drive." QSO attempt by WKZP, Jolly Roger Radio & Tube R. Jammed by Hello R. PopComm addr. PSE QSL. (LOS NUMEROS) 7415, 6/10, 0315-0354*, SIO=323. Comedy & rock mx. Huey Lewis "Heart of Rock n Roll" hrd. Sig rpts from WKZP & Hello R. Best & funniest pirate I have logged. Great pgming. No QSL addr given, but said to write to PopComm. (VICKONOFF via ANARC BBS) 7415, 6/10, *0120-0353*. Nice pgm w/ Bruce Flintstone song. Sponsored by "goatex" & "Albuquerque Police Dept. Drunk-n-Drive." Several breaks. Kept mentioning Albuquerque QTH - made me paranoid! 2 male ops w/ tight, clever original pgm. I have a tape if ops are interested. PSE QSL. (BREWSTER, NM) 7415 LSB, 6/10, 0326-0354, SIO=343. 2 OM annrs w/ talk & tune by Huey Lewis. Fake phone #s for rpts. Interrupted pgm for comments from Hello R., WKZP & Tube R. "Get off the band, man" jammer hrd. PSE QSL. (FOSTER, MI) 7414.9, 6/10, 0327-0354*, SIO=353-. New stn in LSB w/ clever pgm. Several local ads w/ phony phone #s, mostly in Albuquerque. One ad for Bestiality Dial-A-Date. Occ silence filled by Tube R, WKZP & Hello R. Jammed at 0332 by "Get off the bands while you can, man." Other jammers in voice, CW & RTTY. Well done despite modest sig strength. PSE QSL. (ZELLER, OH) 7415 LSB, 6/11, 0320-0329, SIO=322. Mention of Albuquerque police. After 0330 hrd QSO w/ Tube R, WKZP & "Jolly Roger calling CQ." Various bogus phone #s given. PSE QSL. (SMOLINSKI, MD via ANARC BBS)

East Coast Pirate Radio: 7415.8v, 4/22, 0406-0535, SIO=454. Test w/ mx, QSO w/ ECBD, R. Clandestine, R. Politzania & UNIDS. (PROVANCE, OH) 7415v, 4/22, 0430-0530, SIO=555. Initial xmtr probs. Bluegrass & light rock mx. QSO attempt w/ R. Clandestine. (LOS NUMEROS) 7415v, 5/6, 0435-0445, SIO=444. * Rock mx; Euro test. Balt addr. (PROVANCE, OH)

Hope Radio International: 7399.6v, 5/20, *0102-0147*, SIO=454-. Abbrev sitar IS. Usual OM annr w/ results of A*C*E Pirate Poll & FCC most wanted list & notes Hope R. ranks higher on the latter. Some rock & comedy. Lengthy DX show w/ guest host Radio Animal; show had fresh pirate logs. Stn solicited comments on pgming, which has clearly improved. Blue Ridge Summit addr. (ZELLER, OH)(FOSTER, MI) 7391.4->7389.8, 5/20, *1845-1921*, SIO=444. Strong sig w/ slow drift. Carrier jammer. DJ w/ decent pgm incl DX News by Radio Animal & home-spun comedy. A pleasure! (ARTHUR, NY via ANARC BBS) 7415, 5/24, 0145-0151, SIO=223. Rpt on pirate activity. Spoke of having only pirate DJ w/ fleas & doghouse. Annctd those seeking R. Mauser QSLs must include postage for handling. (KARAS, NJ) 7393, 5/25, 0125-0155*, SIO=454. Commentary abt free enterprise bcst band between 1705 & 1800 kHz. Mentioned accepting studio quality tapes for relay. (D'ANGELO, PA) 7393.5, 5/25, 0136-0154*, SIO=444+. Nx items abt sex in various countries. Rpt of Radio Animal DX show. (ZELLER, OH) (SACHS, IL) 7395, 5/25, 0140-0154, SIO=433. Rpts on activity over Easter weekend. Best sig yet for HR1. Listening tips. (FOSTER, MI)

Insomnia: 7414, 4/24, 0015-0033, SIO=343. OM repeated word "insomnia" several times, then into #3 given in groups of 3 & 5 (e.g. 333; 33333.). Then had OM & YL giving random groups of #s. Repeated a few times then into OM shouting abt New Mexico, horns, dogs barking & off abruptly. Also kept switching modes. Spy or pirate? PSE QSL. (PROVANCE, OH)

KRUD: 7415, 6/17, 0332-0334, SIO=454. Omega Man gave ID as "Voice of the Omega Man" & "KRUD." Said "good to be back on the air." Mentioned Zappa mx format, but no mx hrd. PSE QSL. (PROVANCE, OH)

One Voice Radio: 6860, 4/28, 2315-2323*, SIO=544. Annrcr Joe w/ environmental pgm. Crickets hrd in background. Blue Ridge Summit addr. (VERALDI, ONT) 7410, 5/5, 2313-2323, SIO=454. Joe talking abt pros & cons of alcohol. Blues mx. (PROVANCE, OH) 7415.3, 5/13, 0211-0225, SIO=554. Several health tips incl recommendation of high fiber breakfast. Mx (Chopin) by Rubenstein. (PROVANCE, OH)(ARRITT, KS) 7415, 5/19, 2324-2341*, SIO=343+. A3H. Rpt of pgm hrd 5/13 w/ health discussions & classical mx. (ZELLER, OH)(FOSTER, MI) 7415, 5/19, 2326-2343. Health rpts abt heart disease. Classical mx. (SACHS, IL) 7415, 5/20, 1950-2007, SIO=454. Annrcr Joe w/ readings abt rheumatism, corn oil & cholesterol, & life of your toothbrush. Sig very weak. Mx by Mary something. Changing my toothbrush may be beneficial, but I'm not sure the mx is therapeutic. (FOSTER, MI) 7415, 5/28, *0201-0213*, SIO=534. Special Memorial Day bcst honoring all war dead throughout recorded history. (COLLINS, WI) 7415, 5/28, *2004-2015, SIO=232. Reggae mx & 40s mx. Memorial Day special. Ended w/ "We Are the World." Some voice distortion. (PFAFF, VA) 7415, 5/28, 2010-2121, SIO=333. Blues mx w/ dedication for Memorial Day. (FULLER, MA via ANARC BBS) 7415.2, 5/29, 0201, SIO=454. Mx by Bob Marley & The Wailers. ID & talk abt Memorial Day. (KARCHESKI, MA) 7415.4, 5/29, 0201-0221*, SIO=454+. Special Memorial Day xmsn of reggae & pop mx. Memorial day remarks between songs. Fine sig, but drifted down 400Hz. Still A3H modulation. (ZELLER, OH) 7415, 5/29, 0201+. Nice pgm until jammer started on 7420 at 0215 & #s on at 0220. (SACHS, IL) 7415, 5/29, 0205-0220*, SIO=444. Talk on cholesterol, anti-smoking drugs, sunscreens, caffeine, etc. (COLLINS, WI) 7415, 5/30, 0215-0220*, SIO=544. Superb sig. Caught end of bcst w/ oriental mx at QRT. (SACHS, IL) 7414v, 5/30, 0215-0222. SIO=343. Pgm on health & diet. Chinese string mx. Thanked reporters. PSE QSL. (BOHN, OH) 7415, 6/2, *0004-0022*, SIO=243. Medical advice w/ crickets at end. (VERALDI, ONT)(PROVANCE, OH) 7415.3v, 6/3, 0000-0018*, SIO=444. Typical health talk w/ mentions of nervous disorders. Talk on VD, heart disease, etc. Drifted down 300 Hz. (ZELLER, OH) 7415, 6/3, *0000-0018*, SIO=444. Commentary abt biofeedback, blood pressure, etc. (HANINGTON, ONT) (FOSTER, MI) 7414.1, 6/10, 2059-2117*, SIO=343+. Usual OM Joe w/ medical tips. Dogs can get lung cancer from owner's ambient cigarette smoke. Folk mx. (ZELLER, OH) 7415, 6/10, *2103-2115*, SIO=333. Reading from medical journal. Jammer xmtd "boring, boring, boring" over signal. (PFAFF, VA) 7415, 6/10, 2112-2117*, SIO=222. Blues song & BRS addr. Thanked people for letters & reports. (FULLER, MA via ANARC BBS) 7414, 6/10, 2115-2117, SIO=454. Folk song by Josh White & s/off. (PROVANCE, OH)

Outlaw X: 7414.7, 5/28, 0243-0253, SIO=333. Read QSL letters from various places. Addr of POB 24324, Richmond, VA 23224. Greeted other pirates. (SUESS, WI) 7415, 5/28, 0244, SIO=333. Read rpts. Said he was inspired by Robert Ross' rpt (said he should market his form). Mentioned printer problems w/ QSL printing. (VERALDI, ONT) 7414.7, 5/28, 0244-0253*, SIO=454+. Promised longer, produced pgm in the future. Mailbag. LSB. (ZELLER, OH) (PFAFF, VA) (BREWSTER, NM) 7415 LSB, 5/28, 0252-0305, SIO=343. QSO w/ Plainville, US-1 & V of Drano. (FOSTER, MI)

RPM: 7400, 5/27, 0312-0349*, SIO=433-. Rock, jazz, mailbag show. Static intense tonight. (MUSSELL, KY via ANARC BBS) 7400, 5/27, 0315-0350*, SIO=433-. Mx incl "All She Wants to Do is Dance" by Don Henley. Beaver Falls addr. (SMOLINSKI, MD via ANARC BBS) 7403, 5/27, 0430-0445, SIO=121. Static, noise & SSB QRM. Hrd name "Michael Myers" & several IDs. (COLLINS, WI) 7400.6, 5/28, 0207-0243+, SIO=242. Rock, pop & instrum jazz. Hrd one Arabic song. Blue Ridge Summit addr. Weak levels. Hrd "Can you hear us, can you hear us..." in abbreviated R. F. Burns fashion. (ZELLER, OH) 7400.6, 5/28, 0216-0249*, SIO=222. Usual weak sig & low-volume mx made copy difficult, static & fading didn't help. PA box. Annrcr Procrastinator Club meeting had been postponed. (ARTHUR, NY via ANARC BBS) 7400, 5/28, 0218-0248, SIO=222. Interesting mx mix. Request phone # given. Good pgm. (FULLER, MA via ANARC BBS) 7400, 5/28, 0220-0245 & 0415-0446, SIO=222. Tnx to Arthur for tip. Very weak sig w/ lots of static. Jazz & other mx. Hrd "We Want the Airwaves" by the Ramones. Blue Ridge Summit addr. 0415 bcst was a repeat. (FOSTER, MI) 7400, 5/28, 0225, SIO=121. Just barely here in NM. Piano mx & possible Flamenco-

style mx. Flutes at 0238. Hvy QRN. (BREWSTER,NM via ANARC BBS) 7400, 5/28, 0238, SIO=353. Flute pop mx. Had "call-in" mx requests for The Cars. Mail drop given by YL. At QRT, announc that pgn was rebroadcast. (KARCHESKI,MA) 7400.6, 5/28, 0403-0446*, SIO=242+. Rpt of pgn hrd at 0200 today. Mx incl "We Want the Airwaves." Plug for Pirate Pages, saying it was available at better newsstands everywhere. (ZELLER,OH) 7401.5, 5/28, 0440-0445*. Rock mx. SS bootleg stn in LSB chopped away at RFM's sig. 1 clear ID hrd. PSE QSL. (SACHS,IL)

Radio Clandestine: 7415-7417, 4/22, 0434-0526, SIO=333. Testing w/ jazz IS & ID. Some QSO w/ ECPR. PSE QSL. (PROVANCE,OH) 7376.9, 4/22, 0557-0600, SIO=343. R. F. Burns on after RCCI s/off commenting on RCCI pgm. (PROVANCE,OH) 7415, 5/2, *0146-0216*, SIO=424. R. F. Burns urged listeners to turn on tape recorders as this was to be last bcst. Talk abt FCC enforcement action. Mx by Heart "Dreamboat Annie" & others. (ARRITT,KS) 7414, 5/24, 0228-0235*, SIO=434. Pat Benatar "Hell is for Children" w/ wild child-like voice overdub. QRT w/ stn info. Does anyone have a tape? PSE QSL. (COLLINS,WI) 7415, 5/25, 0203-0235, SIO=333. Live show incl sailing mx by Joan Baez, Heart & Kansas. Fake ads & baby talk over Pat Benatar mx. PSE QSL. (FOSTER,MI) 7415, 5/25, 0208-0215, SIO=454. Possibly opening sequence w/ ID & "can you see us, can you see us at all?" bit. Rock mx. (D'ANGELO,PA) 7410, 5/25, 0222-0235*, SIO=433. "Night They Drove Ol' Dixie Down" by Joan Baez. Ad for used cars, jock straps, travel to Haiti, w/ background drums from VOT. PSE QSL. (FULLER,MA via ANARC BBS) 7399, 6/9, 2111-2119+, SIO=322. Poor sig in heavy QRN. Mx by Guess Who & electric power ad. (ARTHUR,NY via ANARC BBS) 7398.3, 6/9, 2116-2152+, SIO=253. Foreigner's "Cold as Ice," Lennon's "Imagine," Heart's "Dreamboat Annie," etc. Hrd ocean noises (seals, etc.) No addr. PSE QSL. (PROVANCE,OH) 7398.3v, 6/10, *0250-0319*, SIO=434-. Live xmsn. Usual outstanding show of rock mx & promo IDs. Ad for child abuse: "Have you slugged your kid today?" Good sig & excellent mod, but drifted 2 full kHz in 1/2 hour. Jammed by "get off the bands while you can, man" at 0313. Barking dog hrd. (ZELLER,OH) 7400, 6/10, 0255-0320, SIO=433. Star Trek theme. Hendrix & Bowie mx. "No Time Left for You" hrd. "I Will Return" parody. PSE QSL. (LOS NUMEROS) 7397.9v, 6/10, 0255-0322, SIO=433. Hrd ID by Foghorn Leghorn. Various rock mx incl Aerosmith. Live show anncd. PSE QSL. (PROVANCE,OH) 7400-7395, 6/10, 0255-0321*, SIO=322. Jimi Hendrix "All Along the Watchtower." Sig better after drift to 7395. PSE QSL. (FULLER,MA via ANARC BBS) PSE QSL(HANINGTON,ONT)(MUSSELL,KY) (PFAFF,VA) PSE QSL(FOSTER,MI) (WOLFISH,ONT)

Radio Comedy Club International: 7377, 4/22, 0552-0557, SIO=343. Comedy & mx by Zappa. "RCCI, the fun station." (PROVANCE,OH)

Radio Damascus: 7414.9->7484.9, 5/21, *0133* 0141-0143*, SIO=444. OM, a poor singer, hums SWBC IS & National Anthem. ID "You are listening to R. Damascus, the bcsting svc of the Syrian Arab Republic." Not a relay, all pgming was OM pirate in studio. Not sure what to call this - a parody/hoax/imitation of some sort. No addr. PSE QSL. (ZELLER,OH)

Radio Midnight: 7415, 5/5, 0430-0440, SIO=434. Lots of juvenile chatter. Coors Light official pirate radio. Mentioned "official Midnight R. Beer Condom." Blue Ridge Summit addr. (ARRITT,KS)

Radio Morania: 7417, 4/22, 0537-0539, SIO=343. Bits of pgming from original Morania shows, incl ID & fake frequencies. PSE QSL. (PROVANCE,OH)

Radio Politzania: 7417, 4/22, 0448, SIO=454. Said was "General Overseas Service of R. Politzania." QSO w/ ECPR & ECBD. Said to listen to album by Klaatu & you would know who they were. PSE QSL. (PROVANCE,OH)

Radio USA: 7415, 4/21, 0130-0140, SIO=454. New pgming. Punk songs & spot for spy #s gold. "The best in rock 'n roll, uncensored entertainment." Wellsville addr. (PROVANCE,OH) 7394.8, 5/13, 0300-0350, SIO=233. "Very live" bcst w/ Mr. Blue Sky & YL. YL spoke in SS. Punk mx & "Fruit of the Loom" news briefs. (PROVANCE,OH) 7416.8, 5/14, 0300-0316, SIO=233. Typical recorded pgm. Some punk & lots of promos. (PROVANCE,OH)(FOSTER,MI)

Revolutionary Voice of Plainville: 7410, 5/20, 0624, SIO=422. Baltimore addr w/ possible contact w/ WLIS. YL anncr w/ pips between annmnts. Eerie mx w/ talk in background. (VERALDI,ONT) 7414.7, 5/28, 0257-0314, SIO=333. Attempted to contact "Outlaw X" & "R. Ganymede." Played a fake anti-drug ad. Contacted V of Drano who was jamming at first. Said would send QSL to "Drano" by end of January. Addr: POB 6527, Baltimore, MD 21219. (SUESS,WI) (PFAFF,VA)(FOSTER,MI) (BREWSTER,NM via ANARC BBS) 7411.8, 6/3, 2009-2018, SIO=252. QSO w/ Samurai R., WGLR & Tube R. (PROVANCE,OH)

Samurai Radio: 7445, 5/28, 0003-0055, SIO=111. Poor sig, lots of QRM. Hrd McCartney song & ID. (FULLER,MA via ANARC BBS) 7444.7, 5/28, 0005-0100*, SIO=343+. Eddie Currents w/ anncd live xmsn. Rock mx w/ mention of // 19m freq, but not hrd here. 50 watts anncd. Blue Ridge Summit addr. Said over 17 rpts from last month's simulcast w/ R. USA & V of Monotony. Slogans of "Voice of Oriental America" & "Lord of the Sword." (ZELLER,OH) 7445, 5/28, 0022-0103*, SIO=333. Hrd "All My Lovin'" "Wild, Wild Life" & "The Things We Do For Love." (PFAFF,VA) 7411.8, 6/3, 2000-2018, SIO=353. Testing w/ "Stuck in the Middle" by Gerry Rafferty. Asked other ops to give sig rpt. Went to LSB for QSO w/ R V of Plainville, Tube R. & WGLR. (PROVANCE,OH)

Tube Radio: 7355, 4/22, 0300-0331, SIO=353. Wierd mx & talk. OM sounded like he had a bad cold or was attempting to disguise voice. Freq anncd as 7485. Baltimore addr. (PROVANCE,OH) 7415, 4/28, 0045-0050, SIO=252. Garbled or overmod. Bits of pgming & ID. Off abruptly. (PROVANCE,OH) 7394.9, 4/29, 0100-0120, SIO=333. IDed as 2nd bcst of Tube R. Strange mx, comedy bits. Talk abt tubes. Mentioned R. Mexico. (ROSS,ONT) 7395, 4/29, 0105-0128, SIO=353. Different pgm. Comedy incl Bear Wiz Beer, & Reebus Kneebus' jump to center of earth. Off w/ hypnosis. (PROVANCE,OH) 7415, 5/27, 0035-0124, SIO=222. Audio problems. Firesign Theatre comedy & Led Zep mx only things copied. Addr possibly POB 1226, NY,NY 10159, but not sure if for QSLs. (FOSTER,MI) 7415, 5/27, 0045-0124, SIO=243. Eqmt tests w/ audio on & off. Problems. (PROVANCE,OH) 7415, 5/27, 0101-0124*, SIO=323. Ray Cathode strikes again w/ eclectic mx & sometimes hard to copy anncr. Xmtr had bad audio howl. Off abruptly. (ARTHUR,NY via ANARC BBS) 7415, 5/27, 0105-0125, SIO=322-. Much static. (SMOLINSKI,MD via ANARC BBS) 7411.8, 6/3, 2009-2018, SIO=453. QSO w/ Samurai, WGLR, Plainville. (PROVANCE,OH) 7410, 6/9, *0403-0426*, SIO=444-. IS of Dave Clark Five "Catch Us if You Can." "From the tube to the world, this is Tube Radio." Very different mx. "Like a bad penny (sound of coin dropping), Tube Radio keeps coming back." (COLLINS,WI) 7409, 6/10, 0403-0426, SIO=343-. Strange mx mix: rock/soul, novelty tunes, anthem by brass band, pop song. Some very strange & hard to classify. (ZELLER,OH) 7409, 6/10, 0404-0426, SIO=453. 2 OMs laughing & telling jokes. Some strange industrial mx. Promo: "...from the bowels of the earth, from a tube to the world..." (PROVANCE,OH) 7409, 6/10, 0419-0426, SIO=443. YL w/ Baltimore addr. OM "I am the earth, the planet you call home." (HANINGTON,ONT) 7409, 6/11, 0405-0425*, SIO=444+. Decent sig. Baltimore addr. Unusual pgm. (SMOLINSKI,MD via ANARC BBS)

US-1: 7433, 5/28, *0102-0107*, SIO=242. New bootleg stn in QSO w/ Eddie Currents of Samurai R. Samurai unsuccessfully tried to talk US-1 into xmtg a bcst. No addr. PSE QSL. (ZELLER,OH) 7415, 5/28, 0256, SIO=333. In contact w/ Rev. V of Plainville. Asked op if Plainville was definitely w/ a "p". PSE QSL. (VERALDI,ONT) (PFAFF,VA)(FOSTER,MI)(BREWSTER,NM via ANARC BBS)
Voice of Bono: 7413, 5/27, *0237-0306*, SIO=333. Another new one, this one named for a dog. Mx by Joy Division, Depeche Mode & Tears for Fears. Balt addr for special edition QSLs. Off w/ mention that relay stn would ID, but nothing hrd. (ARTHUR,NY via ANARC BBS) 7412, 5/27, 0238-0305, SIO=433-. Much static. Mx & DJ Gary Daniels. (SMOLINSKI,MD via ANARC BBS) 7413, 5/27, 0239-0305. Gary w/ talk, mx & Balt addr. Mention of Bono the dog. Phone call & QSL #4 rcvd. Thanks, Gary. (BREWSTER,NM via ANARC BBS) 7412, 5/27, 0247-0305*, SIO=222. OM anncr w/ "People are People." Bad Band contest at 0252. Terrible 240 hz hum throughout bcst. 1st bcst. (MUSSELL,KY via ANARC BBS)

Voice of Drano: 7414.7, 5/28, *0253-0303*, SIO=444-. Mostly a QSO w/ Rev V of Plainville & US-1, but did play a comedy sketch w/ drug user who can't follow instructions of producer of anti-drug PSA. Slogan of "we drain everything." Gave addr as POB 17701, Kansas City, MO 64134. LSB mode. PSE QSL. (ZELLER,OH) (PFAFF,VA) (BREWER,NM via ANARC BBS) 7414.6, 5/28, 0257-0314, SIO=444. Said hello to FCC, CIA & IRA. Requested "Chickaboom." Was bcsting from "east side of the west side of the east coast." KCNO addr. (SUESS,WI) 7415, 5/28, *0258-0302*, SIO=333. Bid good evening to various pirates & authorities. Contact w/ Plainville. (VERALDI,ONT)

Voice of Intoxication: 7390, 4/30, 0000-0033, SIO=453. Lots of IDs at first, then into drug-related songs from late 60's & early 70's. Said to tell your mother if you want a QSL. No addr. PSE QSL. (PROVANCE,OH) 7412, 5/25, *0103-0135*, SIO=434. Giddy acid trip voice w/ flanger-echo and much laughter. QSL info was don't write us, we'll write you. Send anywhere you can. We're short on QSLs. Mx by Canned Heat, Grateful Dead, Dylan, etc w/ drug/alcohol connotations. PSE QSL. (COLLINS,WI) 7411.4, 5/26, 0058-0136, SIO=353. Hrd tune-up. C-W beer drinking songs w/ "drunk" OM DJ. All songs abt boozing & getting stoned. PSE QSL. (PROVANCE,OH) 7412, 5/26, 0105-0135, SIO=544. Annrcr trying to convey his altered state of mind through mx of Canned Heat, Dylan, etc. Said would respond to rpts in usual pubs. Great sig. PSE QSL. (FOSTER,MI) 7412, 5/26, 0110-0135. Rock by Canned Heat, Dylan & Clapton. Songs abt cocaine. Voice of op sounded like Emo Phillips through a reverb machine. Op said to send rpts anywhere. PSE QSL. (SACHS,IL) 7411.4, 5/26, 0115-0135*, SIO=433. Fair sig in RTTY QRM & deep QSB. Songs abt drinking. (ARTHUR,NY via ANARC BBS)

Voice of the Mudflats: 7415 LSB, 5/27, 1835-1843, SIO=344. New stn in QSO w/ Rev V of Plainville. Mudflats gave Wellsville addr. PSE QSL. (SMOLINSKI,MD via ANARC BBS)

Voice of 1932, 9X2V: 7415, 5/27, *0127-0137*, SIO=243. Big Band type mx w/ ID & TN addr over mx. (VERALDI,ONT)(SMOLINSKI,MD via ANARC BBS) 7415, 5/27, *0127-0138*, SIO=333. Good clean sig w/ very good mod. PSE QSL. Dixieland & jazz hrd. (ARTHUR,NY via ANARC BBS) 7415, 5/27, 0127-0138, SIO=454. On shortly after Tube R. Solemn orchestral piece to start, then jazz from 30's & 40's. Johnson City, TN addr. (PROVANCE,OH) 7415, 5/27, 0130-0138, SIO=323. Followed Tube R. Big band mx of 30's. Refreshing! No addr. (FOSTER,MI) 7410, 5/27, 0538-0547*, SIO=342. 30's mx. Send 3 - 3 cent stamps to addr w/ no zip code. Interesting IS. (COLLINS,WI) 7410, 5/28, 0541-0548*, SIO=545. OM w/ gravelly voice. Played old, big band mx w/ one possibly Billie Holiday. Addr of POB 2112, Johnson City, TN 37601. (SUESS,WI) 7400, 6/17, 0430-0439*, SIO=353-. IS of mournful instr mx at open & close. Pgm of dixieland instr mx & 40's swing. Many request for rpts w/ 3 cent stamps. Mod & freq stability quite good. (ZELLER,OH)(FULLER,MA via ANARC BBS) 7400, 6/17, 0434-0439, SIO=354. Dance band mx, some possibly Ella Fitzgerald & Louis Armstrong. Off abruptly. (PROVANCE,OH)

Voice of Sammy Davis, Jr.: 7410, 5/13, 0138-0141. SIO=344. As soon as VOT off, played GG beer hall type song. Then OM in voice sounding like Sammy Davis impersonating Al Jolson gave ID repeatedly & off. PSE QSL. (PROVANCE,OH)

Voice of Stench: 7414, 5/28, 0313. Hrd one faint ID in bad QRM. (SACHS,IL) 7353, 5/28, *0315-0348*. "Strawberry Fields Forever," Joe Jackson, then "Love Will Keep Us Together." BRS QSL addr. Nice freq, much better than 7415 this QTH. (BREWER,NM via ANARC BBS)

Voice of Tomorrow: 7409.9, 5/13, 0038-0138, SIO=444. "A pgm to all white men & women who care abt their future and their children's future." British OM gave talk on nationalism. Off w/ "Rule Britannia," "Tomorrow Belongs to Me," & wolf howl. OR addr. (PROVANCE,OH) 7410, 5/13, 0040-0140, SIO=433. Talk on nationalism on 45th anniversary of fall of Nazi Germany. Probably will be on in 5 yrs for the 50th! (COLLINS,WI)

WPCX: 7415.1, 5/14, 0015-0113, SIO=554. Relay of Cincy FM stn 94.9 "the fox" until 0031. Asked listeners to crack open a beverage &

listen to some real mx. Played lots of "Who" mx. PSE QSL. (PROVANCE,OH) (FOSTER,MI)

WGAR: 7415, 5/12, 2130-2145, SIO=253. Lots of Krishna talk. Read from article "Toward a Peaceful Society." At end, said xmtr was getting hot. TC & off. PSE QSL. (PROVANCE,OH)

WGLR, Great Lakes Radio: 7411.8, 6/3, 2010-2018, SIO=454. QSO w/ Samurai, Tube & Plainville. Said was John Fitzgerald of FCC at first. Demanded everyone clear the freq. When they did, he told them he was just kidding. Said had not been pirating for a long time and could NOT QSL. (PROVANCE,OH)

WKZP: 7415, 5/28, 0108-0115+, SIO=111. "Crosseyed Mary" by Jethro Tull. KZAP ID; covered by UTE. (COLLINS,WI) 7414.8, 5/29, 0107-0115+, SIO=242-. Tull & other rock. Weak level made for tough copy. Demolished by CW #s at 0115. (ZELLER,OH) (PFAFF,VA) 7415, 5/29, 0115+. Usual rock, but killed by CW #s. (SACHS,IL) 7414.8, 6/10, *0119-0243*, SIO=333-. Tests during 1st 11 mins, then pgm of professionally recorded WKZP & K-ZAP IDs by OM. Annrcs were Sparky & R. Animal. Some sketches. Mentioned other pirate stns, A*CE & Pirate Pages. Solicits tapes to Blue Ridge Summit addr. Some parody/novelty songs. Jammed by "get off the band, man" at 0225. (ZELLER,OH) 7415, 6/10, 0120-0243, SIO=333. Sparky & guest DJ Radio Animal. Mx by Robin Trower, Triumph, Iggy Pops, etc. Spoofs of Pink Floyd's "Money" & some Weird Al "Lucy & Ricky." Mentioned special QSL. (FOSTER,MI) 7414.8, 6/10, 0120-0121 & 0147-0243+, SIO=353. Spoof on Batman w/ song "Wild, Wild West." Played "Hot Blooded" by Foreigner, Alice Cooper's "Welcome to My Nightmare," & others. Possible QSO after bcst. (PROVANCE,OH) 7414.8, 6/10, 0120-0245, SIO=332-. Rock pgm. Robin hrd on the mike. PA addr. Antenna change at 0243 - poor reception. (HANINGTON,ONT) 7415, 6/10, 0135-0231, SIO=222. Hvy QRM; musical mix. (LOS NUMEROS) 7414.8, 6/10, 0142-0222, SIO=222. Rock mx & parodies. Jammer on freq. (WOLFISH,ONT) 7414.8, 6/10, 0159-0213+, SIO=222. Very weak. Hrd Foreigner, Weird Al, Robin Trower. BRS drop. (ARTHUR,NY via ANARC BBS) 7415, 6/11, 0133-0230+, SIO=422. BRS addr. Much static, but good sig. (SMOLINSKI,MD via ANARC BBS)

WLIS: 7409, 5/20, 0502-0541, SIO=433. Fish Eagle IS de R. Zambia & other African ISSs, followed by Asian ISSs. Jackpot mentioned several DX & SWL pubs. (MEECE,OH via ANARC BBS) 7410, 5/20, 0506-0543, SIO=353. Pretty much same pgm as aired 2 months ago. IS from AIR, Kol Israel, NKK & others. Played "Stairway to Gilligan's Island." Slanesville addr. 2 DJs. (PROVANCE,OH) 7410, 5/20, 0607-0620, SIO=422. ID for UK listeners. Xmtr problems throughout. WLIS - We Love the Interval Signals. Mention of Outlaw X & Slanesville addr. (VERALDI,ONT) 7410, 5/28, 0403-0423*, SIO=322. "We Love Interval Signals" (so do I.) Weak voice mod. (COLLINS,WI) 7408, 5/29, 0406-0422*, SIO=322. DJs Jack & Ron. Played African IS & said would verify rpts from logging bulletins. 1st IS from Sierra Leone. UTE QRM. (WOLFISH,ONT)

UNIDENTIFIED

3290, 5/29, 0043-0059*, *0107*, sio=232+. UNID stn relay of syndicated pgm "New Faces of Country Mx." QRM de Namibia. Mod broke up at times. No ID of stn relayed or relay xmtr. Note freq - does somebody have a quasi-Tristan up their sleeve. (ZELLER,OH)

7354, 5/17, 0345-0425, SIO=353-. Mx by Ronstadt & REM. No ID or talk. Buried by WYFR @ 0400 w/ carrier off 0425. PSE QSL. (PROVANCE,OH)

7411.4, 5/26, 0100-0135*, SIO=343-. Laughing annrc. Mix of mx. Drug & intoxicant theme. ID not hrd. (ZELLER,OH) [V of Intoxication?]

7412, 6/3, *0141-0142*, SIO=333. Part of "Stuck in the Middle With You" by Steelers Wheel. (COLLINS,WI)

7413.7, 4/28, 0111-0129, SIO=353. Old songs by CCR, then rap. PSE QSL. (PROVANCE,OH)

7414.7, 5/20, 0342-0357*. Rock mx incl "Junk Food Junkie." PSE QSL. (HANINGTON,ONT) 7415, 5/20, 0340-0356, SIO=433. Rock mx by Booker T, Joe Walsh & hrd "Junk Food Junkie." (FOSTER,MI)

7415.8, 7398, 7415, 6/10, 0224-0354, SIO=434. In QSO, saying "Get off the band" w/ talk abt fines & busts. Dog "Clipper" growl into mike.

Hrd dog squeak toy. (PROVANCE,OH)
 7414.2, 6/10, 0328-0354, SIO=232. Possible ID as R. Drew, Grewel or Drill. Huey Lewis mx. Rpts to PopComm. Jammed severely. Lots of phony phone #s. (PROVANCE,OH)
 7415. 4/20, 0200-0210, SIO=353. Rock mx incl Stones. Arlington VA addr. Called themselves "unidentified." (PROVANCE,OH) 7415, 4/20, 0210-0214*, SIO=332. Good carrier, but undermod. Stones mx, "Brown Sugar." (ARRITT,KS)
 7415. 4/21, 0048-0131*, SIO=322. Very weak. Bagpipe mx. 1st letter of ID may have been W. (ARRITT,KS)
 7415. 5/5, 0122. SIO=333. Chatter by OM w/ mention of "Mouth of the South." Possibly a test. (ARRITT,KS)
 7415, 5/13, 0436-0438, SIO=444. CB type voice, w/ "breaker" & "talk to teddy bear." (COLLINS,WI)
 7415. 5/14, 0015-0018, SIO=443. Songs "LA Woman" by Doors & 3 Dog Night's "Jeremiah Was a Bullfrog." (SACHS,IL)
 7415. 5/17, 0238-0306. Fabulous Big Band mx, but no ID copied. PSE QSL, Mr. Swing! (LOS NUMEROS)
 7415, 5/19, 0345-0458*, SIO=242. Blues/rock song & "Surf or Die." Joe Walsh's "Life's Been Good to Me" at end. (COLLINS,WI)
 7415, 5/27, *0101. Very overmod & muffled. Mx. PSE QSL. (SACHS,IL)
 7415, 5/27, *0128-0137*. Big Band mx from 30's & 40's. No ID hrd. PSE QSL. (SACHS,IL) [likely V of 1932]
 7415, 5/28, 0052-0105*, SIO=555. Christian readings (SSB)(COLLINS,WI)
 7415, 6/1, 2330, SIO=354. Hard rock, screaming OM voice. No ID. PSE QSL. (PROVANCE,OH)
 7415, 6/3, 0011-0018*, SIO=422-. Medical talk. BRS addr. (SUESS,WI) [likely One Voice Radio]
 7419.5, 4/22, 0500-0507, SIO=434. YL w/ innane comments putting down Earth Day, and Greenpeace. Encouraged people to pollute air w/ aerosol spray, leave dirty diapers around at rest areas, etc. Said she was more concerned w/ morality and cleaning up airwaves. PSE QSL. (PROVANCE,OH) Also hrd 4/23 0201-0205. (PROVANCE,OH)

ELSEWHERE IN THE WORLD

La Voz de la Resistencia Chilena: 15215, 6/9, 0200, SIO=423. Oriental mx w/ frequent, prolonged monologue by YL in SS. Popular mx. (KARCHESKI,MA)
Radio Marabu (Europirate): 15710, 6/11, 0045-0058, SIO=151+. Rock vocals & ID. (D'ANGELO,PA)
Radio Stella Int'l: 6319, 5/13, 0330-0400, SIO=222. Rock mx incl Simon & Garfunkle's "My Little Town." (LOS NUMEROS)
Voice of the Free Sahara: 15215/9640, 5/15, 2228, SIO=444(15215) & 222(9640). YL choral mx in AA w/ handclaps, drums. OM w/ SS annmts. Chants. (KARCHESKI,MA)
Voice of Palestine: 17745, 6/10, 1659, SIO=222. AA OM chanting under Moscow IS. Possible Nx in AA at 1700. (KARCHESKI,MA)

PSE QSL ADDRESSES

Bob Bohn, 10437 Rawiga Rd., Seville, OH 44273.
 John Brewer, 7605 Roberts NE, Albuquerque, NM 87109.
 Charles Collins, 1977 S 74th Street, West Allis, WI 53219.
 Richard D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610.
 Jeff Foster, 2611 McKee SW, Grand Rapids, MI 49509.
 Ben Fuller Jr., 41 Goodings Way, Falmouth, MA 02540.
 Los Numeros, P. O. Box 149, Briarcliff, NY 10510.
 T. Provance, 2530 Oakwood Ave., Zanesville, OH 43701-1948.
 Steve Sachs, 2720 Ft Sheridan Ave., Highland Park, IL 60035.
 Chris Smolinski, 40 South Lake Way, Reisterstown, MD 21136.
 Niel Wolfish, 178 Florence Avenue, Willowdale, Ontario, Canada M2N 1G4

WANTED

Does anyone have a tape of the WHBH over the air bust annmt they would be willing to copy and sell? Please contact Chas. Collins, 1977 S 74th Street, Milwaukee, WI 53219. Thanks!

FCC gives roadside service to mobile pirate broadcaster

By Don Bishop
 P.O. Box 4075
 Overland Park, KS 66204-0075

Roadside service the FCC provided Joe Della Barba of Annapolis, Maryland, resulted in the bust of pirate broadcast station WTNU, "The Nation's Underground." Della Barba was issued a \$1,000 fine.

Electronics engineer Rocco Campagna and an electronics technician from the FCC's Baltimore office traced WTNU's April 1 broadcast on 25,000 kHz to Della Barba's Plymouth parked along the highway. "It was a road I'd been driving up and down, and I was kind of obvious. Sometimes I operated while in motion," Della Barba said.

ANARC announcement

A ham radio announcement may have contributed to WTNU's bust. Della Barba said he sent a message over the Association of North American Radio Club's (ANARC) 40-meter radio network. Radio amateurs who are shortwave listening enthusiasts meet Sunday mornings on 7240 kHz. Some give their telephone numbers over the air and invite listeners to call them with comments for the network.

Some pirate broadcasters make anonymous calls to announce their broadcast schedules. Della Barba did so on April 1. "The FCC apparently listens to the net," he said. "If a pirate announces a test or a scheduled broadcast, the FCC is ready and waiting when the station goes on the air."

Enforcement team dispatched

The FCC had monitored previous WTNU broadcasts and had developed a radio "fix" location for the station. If a monitoring station technician heard Della Barba's ANARC net announcement, the Baltimore office's engineer-in-charge may have been asked to dispatch the enforcement team to the "fix" area in case WTNU broadcast. Alternatively, the FCC monitoring network may have picked up WTNU's 25,000 kHz broadcast, causing the enforcement team to be dispatched. But the quick response time--about an hour on a Sunday--supports Della Barba's belief that the FCC monitored his ANARC net announcement and lay in wait.

Campagna was unavailable for comment, but another Baltimore office electronics engineer, Don Bogert, said Della Barba was playing music tapes over the air when Campagna found him. He confirmed that WTNU had been monitored previously.

'I was amazed'

According to Della Barba, a 26-year-old self-employed computer consultant and amateur radio operator, Campagna knocked on the window of his car and said he should turn off the radio transmitter. "I said I was amazed he showed up. He turned out to be a nice individual."

Campagna identified himself and asked for Della Barba's identification. "I let him talk on the radio for a couple of minutes," Della Barba said. "He said over the air that he was

with the FCC and that the station was ceasing operation. I promised to send him copies of reception reports that mentioned him so he could sign them, too, but I didn't receive any."

Alaska reception

Della Barba said that, having broadcast for about an hour, he was within minutes of signing off when Campagna arrived. He said he was told his signal was picked up on at least one occasion by the FCC in Alaska. The FCC maintains a field office in Anchorage. The Alaska reception represents his signal's most distant reported range. "I tried to get the FCC station to get me a verification," he said, "but there has been no response."

WTNU broadcast recordings of Washington, DC, bands and progressive music. "You can go to concerts and get tapes from bands who are more than happy to provide you with them," he said. "A couple of the bands knew their tapes were being broadcast; others didn't."

Della Barba said he had listened to other pirates and liked what they broadcast better than what he heard on commercial stations. "Radio Clandestine is very interesting," he said.

Enforcement priority 'misplaced'

The WTNU operator indicated FCC enforcement against pirates represents a misplaced priority in the face of amateur radio operator abuses on 14,313 kHz and CB radio operator abuses in the 27,425 to 28,000 kHz range.

"Tune to 14,313 kHz and you'll hear radio amateurs making animal noises and cussing," he said. "You can recognize their voices. I figured if they could stay on for two years and not get bothered the FCC wouldn't care [about pirate broadcasts]. Apparently they don't care too much about what happens in the ham band. If you listen between 27,425 and 28,000 kHz, you hear a bunch of illegal stations that have operated there forever. The FCC takes no action against them, either."

Della Barba added: "I fail to see why I should pay a fine for doing something harmless on an unused frequency when these guys can do this endlessly and the FCC never takes action to clean up the mess. Pirates don't cause interference because of their weak signals. They cannot jam a commercial station that is operating with as much as 1,000 times the power."

Frequency choice

Della Barba said he chose 25,000 kHz for his April 1 WTNU broadcast because "nobody uses 25 MHz. It was assigned to WWV, but they have not used it for years."

He continued: "On the traditional pirate frequency 7415 kHz, we have so much QRM on the east coast from licensed broadcast stations, spy stations and CW stations, I cannot hear pirates there, it is so jammed up. I hoped to lure other stations up to a clear frequency by operating WTNU on 25,000 kHz."

Campagna's inspection of WTNU lasted about an hour, Della Barba said. He said the engineer measured about 80 to 90 watts output from his Kenwood TS-140 transceiver, which fed a five-foot loaded Lakeview whip antenna. "It is very difficult to get decent AM modulation, the way solid-state radios are set up," he said. "A plate-modulated radio would sound better."

Electronic fingerprint

Della Barba said Campagna told him the FCC had made an "electronic fingerprint" of his transmitter so it could be identified. "I can see how they might be able to tell what model of transmitter it is. But how can they tell one particular radio from another?" he asked. (The May *ACE* includes a story about the FCC's "radio fingerprinting" techniques.)

Della Barba did not offer to surrender his equipment and he said Campagna did not request him to. When Della Barba responded to the notice of apparent liability sent by the Baltimore FCC office, he asked that the \$1,000 fine be reduced. The request was denied, and Della Barba was sent a notice of forfeiture for the full amount. This procedure is in keeping with an FCC guideline for not accepting the surrender of legal transmitters, such as amateur transceivers, for possible mitigation of a fine.

Advice to pirates and listeners

The WTNU operator offered this advice for other pirate broadcasters: "You don't want to get caught. I recommend either moving continuously--mobile operation--or not transmitting for very long. Stay totally away from the ANARC net."

Advice for those who listen to pirates: "It is bad to get no mail at all, but it is worthless to get a 599 straight out signal report. ['599' means, essentially, 'loud and clear.'] Operators want to know what you think of the program. Do you like this song, do you hate that song."

He said pirate operators like to receive tape recordings of their listeners' reception. "One thing pirate operators like is getting decent feedback on what their signals sound like."

Pay phone idea

Della Barba has discontinued using a mail drop for corresponding with listeners. He said he had planned to use a pay telephone to replace postal correspondence. "I planned to broadcast the telephone number and the time I would be there to accept calls." He was unsure whether that would expose himself to detection by the authorities. "If someone wanted to, I suppose they could find the address of the phone number."

He said he told Campagna that pirate broadcasting, as an illegal activity, adds excitement for the listeners. "It gives them something fun to do."

Amateur broadcast service

Pirates, he said, could do a better job of broadcasting if there were a legal way to do it. "The technical quality would be better if without the worry of being caught. It would be possible to have a nicer station and equipment. But the FCC has not been interested in creating an amateur broadcast service so far as I know."

If the agency were to establish an amateur broadcasting band, Della Barba said he has the place for it. "The 11-meter broadcast band from 25,900 to 26,200 kHz is entirely underutilized. There would be plenty of room. It seems to me you could assign five or 20 channels with a maximum power limit of 200 watts."

For another alternative, he said amateur broadcasting authority might be granted as an add-on to an amateur radio license.

Della Barba, now that WTNU is off the air, remains active as a technician class radio amateur under the call sign N3HGB. Correspondence can be sent to him at 850 Coach Way, Annapolis, MD 21401.

Postscript: The FCC actively monitors 14,313 kHz. For example, during my May 13 visit to the Vero Beach, Florida, monitoring station, two "alerts" to monitor 14,313 kHz were received in a two-hour period. "Alerts" are requests by one monitoring station to others in the network to tune a specific frequency and take a direction-finding bearing. At some time, the FCC may use information it has compiled about amateur radio operations on 14,313 kHz to initiate enforcement actions. To date, the FCC has pursued a number of other alternatives to resolve illegal activities on the frequency, but without success.

Pirate Long John Silver walks the CHGO plank

By Don Bishop
P.O. Box 4075
Overland Park, KS 66204-0075

At 10:30 p.m. on April 8, John L. Rosengarten heard someone knocking at the door of his Chicago home. Upon opening the door, he found an electronics engineer from the FCC Chicago office he may have met before. The engineer, Paul E. Gomoll Jr., asked to come in and inspect pirate broadcast station CHGO shortwave. Rosengarten refused.

Gomoll had traced the source of a 7415 kHz CHGO broadcast to Rosengarten's house. CHGO's announcer, Long John Silver, had been playing "soft rock" music and presenting commentary on the unlicensed shortwave station.

FCC visits Rosengarten before--maybe

"We had visited Rosengarten years before," FCC Chicago office electronics engineer Will Gray said, referring to an earlier FCC enforcement action that he said brought Gomoll to Rosengarten's home. "The actual event is not that clear to me as to why."

Gray said Gomoll recognized Rosengarten's home from the previous visit and recognized Rosengarten when he came to the door. He said Rosengarten offered to surrender the equipment he used for the broadcasts, but Gomoll refused it. "New regulations forbid us from accepting illegal equipment except for CB amplifiers," Gray said. "Rosengarten knew what he was doing. Although he refused the inspection, he volunteered to surrender the equipment." Rosengarten, on the other hand, said the FCC had made no previous contact with him.

Rosengarten's ham license: yes he has one, no he doesn't

Gray said Rosengarten is a licensed radio amateur, although FCC amateur radio license records do not include a licensee under that name and Rosengarten said he has no license. Amateur radio regulations require licensees to permit station inspections at any reasonable hour, including business hours and whenever the station is on the air. Thus, Gray said, Rosengarten's refusal of an inspection "is a second violation." But Rosengarten was not charged with the station inspection rule violation.

Gray said the type of equipment in use at Rosengarten's home was unknown, but he assumed it was modified amateur radio equipment. The antenna to which the signal was traced is a length of wire suspended between the roof of Rosengarten's house and a tree.

Equipment outage delays detection

"It took us a while to catch him because he did not operate continually," Gray said. "For three months his equipment was down. When he came back on, he said he had equipment trouble that 'kept me down for a few months.' He was on the air for nine months total before we tracked him down." Gray said periods of two or three weeks would elapse without a broadcast from CHGO. "He had no regular time schedule. When he felt like it, he keyed up."

Rosengarten was issued a \$1,000 fine, but Gray said he did not know whether the fine has been paid.

Rosengarten's story

Rosengarten said: "Yes, that was me running CHGO; I was Long John Silver. But I'm not running the station any more. I have a family and no reason to give FCC a run for the money. If I were young and single I might continue."

The former pirate said he has been a shortwave listener since he was a kid. He said he finds the current crop of shortwave stations "appalling" because of their Christian and other programs. He singled out WWCR USA radio: "Such right-wing crap. Really frightening. Something that would have come out of Heinrich Himmler."

Rosengarten described himself as an old hippie. "I was into spiritualism 20 years ago--mysticism, meditation, karma and all that. I'm not one to push my views. But it is a good idea to go on the air and explain the advantages of spiritualism. A person is a complete spiritual unit regardless of religion."

Demand to see transmitter

"The night the FCC came," Rosengarten said, "one engineer, Paul Gomoll, came to the door. My kids were asleep, so I wouldn't let him in. He demanded to see the transmitter, so I carried it out and let him see it."

Rosengarten said Gomoll told him the FCC had triangulated his signal from reception points in San Francisco and Miami. "He said they had my location narrowed down to a couple of blocks."

A man and his job

He said Gomoll wasn't overbearing or mean, "just a man doing a job." He said there was no animosity on his part, either. "I said I wouldn't broadcast any more."

The former pirate said he had been apprehensive about being caught because he had promised his wife the pirate broadcasting never would affect their family. "I was more afraid for my wife and my living situation than the legal aspects," he said. "My wife has taken it sternly. She is not going to rag on me, but I know she is displeased and I know I'll never do it again, at least not here."

No money to pay

Rosengarten said that although the FCC has sent him a Notice of Forfeiture for the \$1,000 fine, he has been unemployed for several months and he does not have the money to pay the fine. He said he did not receive the Notice of Apparent Liability that precedes a Notice of Forfeiture because of some mixup with the post office. He said he tried to call the FCC Chicago office for two weeks. "Either they were not answering their phone or the line was busy. I finally got through about the time I received the Notice of Forfeiture," he said.

FCC 'inflexible'

"Apparently, the FCC is quite inflexible. It is funny that they are judge, jury and executioner," he said, referring to the regulatory agency's rulemaking, enforcement and adjudication powers.

"It violates my Constitutional rights to due process of law," he said. I never went before judge, never met my accuser, never was represented by lawyer, never had a jury of my peers."

Rosengarten said he wrote to the FCC to offer to pay the fine in installments, to work it off or to substitute community service. "I'm waiting for their reaction to that," he said.

Rosengarten broadcast with a Heathkit 60B that he bought at a hamfest. Adhering to his own code of broadcast ethics, he said he always checked to be sure he was not transmitting harmonics and that the frequency was clear so he would not interfere with other pirates.

The 20-to-30 watts of power from the Heathkit fed a Gordon West dipole antenna cut for 7.415 kHz. The dipole was slung from north to south to favor listeners to the east and west of Chicago.

Barking dogs waste electricity

Rosengarten selected 7415 kHz "because people would listen to pirates operate there." He said broadcasting is no more than a waste of electricity for a lot of pirates. "The guy with the barking dogs, for example."

Two cassette machines and a small mixing panel put the Long John Silver programs together. Rosengarten used one panel for mixing and the other to match the electrical impedance into the amplifier. "I'd adjust the first for balance and the second for impedance matching," he said.

Full moon schedule

"I tried to broadcast at least once every full moon, before or after on the weekend, or during on the weekend. It has to do with my spiritual motivation. I think people are more spiritually more receptive during the full moon," he said.

Self-educated in electronics, Rosengarten is a computer technician. "Although I went to college to become an electronics engineer, I learned nothing there I hadn't learned on my own," he explained.

'Space Corps'

Rosengarten said he broadcast "editorials" in which he encouraged people to think for themselves, not what others told them to think. "I also did a couple of things I thought were silly and fun," he said. "I have a record by Tomita, a Japanese recording artist who plays a synthesizer. The record plays around with the theme from 'Star Wars.' I used it as a musical background and an advertisement for the 'Space Corps.'"

Rosengarten said he played a Todd Rundgren album, "Eliminations," and "a bunch of new age music." He used a compact disc player to eliminate the clicks and pops sometimes associated with vinyl records.

Bulletin board

Rosengarten operates a computer bulletin board he calls "American Archives." He offers free access to the bulletin board, which includes a shortwave conference. The telephone number is 312-276-4159.

The former CHGO operator said he never had publicized an address while he was operating, but "if people wanted a QSL at this late date I probably could arrange to do that." Correspondence can be sent to Rosengarten at 4426 W. Altgeld St., Chicago, IL 60639. ~~~

Classified advertising

The ACE accept classified advertising from members without charge. Send your advertising requests to The ACE, P.O. Box 11201, Shawnee Mission, KS 66207-0201.

'Radio Animal' leaves cage; FCC hunts him down again

By Don Bishop
P.O. Box 4075
Overland Park, KS 66204-0075

Gary Mathews had 15 months of fun as "Radio Animal," operating pirate broadcast station WKND on AM and shortwave. Then FCC electronics engineers John Rahtes from Philadelphia and David Viglione from Buffalo, NY, tracked him to his lair. Busted on Feb. 1, Mathews' signal stayed caged—for awhile.

The FCC went easy on Mathews. In view of his cooperation, surrender of equipment and financial hardship, his initial \$1,000 fine was cut to \$100.

But Mathews wants to broadcast. He looked for jobs with licensed broadcast stations. He recorded program segments and sent them to other pirate stations for broadcast. And then he switched on a transmitter for a 15-watt broadcast on 7410 kHz.

Why would he take the risk? "It was a combination of testing the transmitter and putting programming on," he said. "It wasn't because I wanted to relay that tape. It was an opportunity-type thing. Broadcasting is one of my things. I haven't found a broadcast job. I feel like I must broadcast.

"I'd like to continue supplying programs to other pirates. The FCC will hear my voice. I've been working in other areas promoting DX and hobby broadcasting. They can compare programming to other pirates and find out it comes from me. I've been forwarding the programs without broadcasting them myself. Then I happened to step out of line and broadcast myself and I get busted. I've spent more time on the air by tapes sent to other stations than I've been on the air over my own station.

"I wondered, if I produce programs for Radio Hope International and others, would the FCC come after me? If they knew my programing was on other stations..."

The FCC did come after him, but whether the rebroadcasts of his programs by other stations is why, no one has said. One thing is clear: The FCC wants to know the identities of pirates Mathews knows. June 19, two U.S. marshals and engineer Rahtes seized Mathews' station. "They took so much paper. They took *two boxes* of paper. I had more paper, but they didn't get it. Anything detrimental to other stations was not at this location. I took that precaution earlier. Nothing critical was here. I had people's mail drops and reception reports and letters but nothing with admissions to being pirates."

Someone—maybe Mathews, maybe not—had activated a pirate shortwave station in Pittsburgh a few weeks before Memorial Day, May 28. The broadcasts may have been reported by radio amateurs, may have been picked up by the FCC's long-range HF monitoring network or both. Whatever stimulated the FCC's interest, the word from Washington was that a pirate may be active on Memorial Day.

FCC field offices were sending engineers to support communications requirements for the summit conference between U.S. president George Bush and Soviet president Mikhail Gorbachev. That may account for the presence in Pittsburgh on Memorial Day of engineer Viglione from the FCC Buffalo, NY, office. Pittsburgh is as convenient a location as any for an overnight stop on the way to Washington, and if a pirate might be active that night, more's the reason.

Shortly after midnight, early on May 29, Mathews reached for the transmitter switch. At 12:20 a.m., he was on the air. Minutes later, an FCC engineer arrived.

"I was relaying a tape of WLIS (a pirate station) as a test," Mathews said. "I was watching outside, I was worried about it. I really didn't see anything and decided to go off cause I was done testing. I was putting everything away. I had the crystals out of the equipment. I was nervous because I hadn't transmitted anything from my house since the last time I had problems. About 15 minutes after the conclusion of the broadcast Rahtes and Viglione came to the door again.

"They wanted to inspect. I don't know if they were absolutely sure it had been me broadcasting. They said they had DFed from a couple of streets away. So they got a fairly good picture that it was in the area. Since I was involved before they felt they could come and question me on it.

"At first I wouldn't give them an inspection. I thought they couldn't be absolutely sure. But they threatened to get a warrant and they said they would stay outside to watch until they got a warrant. They were angry, I guess. I wouldn't let them in to inspect cause there wasn't much to inspect."

Engineer Rahtes said: "We knew where the transmissions were coming from. We waited for a broadcast to begin. At 12:20 a.m., the signal came on. We were 10 minutes away."

Rahtes said he met Mathews at the door and advised him he would like to inspect the radio station. "Mathews indicated he didn't want to acknowledge anything about the radio station. We said we would have to talk to the property owners. He said he would rather not disturb his parents and allowed us to inspect the radio equipment."

Mathews said: "I didn't want a disruption in the house so I let them in. Rahtes said if I didn't let them in, he would get a warrant. He had his hand-held ready to call someone to get it. A little later I let them see the transmitter and I admitted it was me who had been broadcasting. They had me hook the whole thing up again so they could take photos once again and give a sign-off statement. I made Rahtes give the shut-down statement about illegal operation. He was on the phone to Washington to make sure they got the shutdown message on the air.

"Then they left the air and left the house. Rahtes indicated earlier when I wouldn't cooperate he was bargaining, sort of, saying that I would have a \$200 Notice of Apparent Liability. 'I'll give you administrative of \$200 this time,' he said. That's one thing that helped me cooperate later on."

"Administrative" refers to a type of enforcement procedure that involves only a fine. The FCC has the option of enforcing its rules via administrative, civil and criminal procedures. Administrative procedures generally are the most lenient.

Rahtes said he had not heard from the FCC for three weeks after the inspection. Then, at 10 a.m., June 19, Rahtes telephoned. "He said he was just up the street, that he had a search warrant and that he and two U.S. marshals were coming over.

"They came in by the back door, not wanting to disturb the household once again. 'You can come to back door,' Rahtes said, 'and we'll take some equipment.'" Rahtes identified what was to be taken, and U.S. marshal Dean G. Michael and a second marshal took the items to Rahtes' car.

"They took 19 items that were on a list: one transmitter used to run the program that night, two small tape recorders, a couple of boxes of station records, loggings--they were trying to get information on other broadcasters from what they had said because they said 'We're having problems in this area and we don't want to have to keep coming back here.'

"They got a few assorted cassettes, box of cassettes that were related to some radio stuff I did in the past but not to the current broadcasts.

"They took a linear amplifier, a ham-type, Palomar. They took a mixer, a console and two of my turntables. They took an equalizer and a microphone, and the Heathkit DX-35 transmitter.

"The two tape recorders were small portable units that weren't involved in the station, by the way.

"They also took a frequency counter that had been used during WKND broadcasts but not during later broadcasts. I saw it as a pick-and-choose thing. There is so much stuff in my basement it would be hard for them...just pick and choose from the top whatever would fit into the trunk of Rahtes' sedan.

"They would have had to bring a truck to get everything I have here. They did not take the other transmitters and they took no receivers at all.

"The arrest warrant was served against the equipment. It was *in rem* to arrest radio station equipment. That's why I question why they were able to take tapes, station records, papers and things that are not equipment. The warrant says 'United States, plaintiff, vs. any and all radio station equipment' at my address. That's the defendant--the radio station equipment.

"I didn't read the warrant while they were here, so I didn't know what it specified or I would have questioned the taking of cassettes, records, QSLs and reception reports of my former station, WKND. Someone told me I might have a chance of getting the stuff back.

"I believe it was harassment because I've been recording programs for other stations. Maybe harassment is too strong a word. In course of making tapes of stations I've said things uncomplimentary of the FCC. That may have had something to do with the harshness.

"They said Washington wants pirate broadcasting stopped.

Mathews said his broadcasts, via tape and over his own transmitter, are his way of protesting the system that prevents him from broadcasting legally.

"I protest the system. Pirate broadcasting is my form of protest. I don't have money to get an organized petition. Maybe that's something I could do in future. When you see something you don't like that the government's doing, you should protest it.

"The engineers said they had an indication that a pirate broadcast station was active in Pittsburgh from a signal that had been heard two weeks before they came on Memorial Day. When they inspected my station that night, it was real quick. They were gone in an hour. I had no reason to think they would come with an *in rem*.

"They said they had indications a station using the same call letters had been on previously. I didn't say whether I had been responsible for it. They could have heard a different station in the area using the same call letters or my station, if I had run the tape.

"The call letters given on the tape are WLIS, 'We love interval signals.' It is a tape someone sends through mail drops for relay. I wasn't broadcasting to be broadcasting specifically but it was a test and a broadcast. My being on had nothing to do with the program source. It just happened out of testing the transmitter and having the antenna ready that I went and made a broadcast.

"When Rahtes came back with search warrant he wanted records about WLIS. He couldn't find any because it is a new station and hasn't generated much paperwork yet.

"I'm working with other stations, supplying them with programming. Several stations. I know the FCC knows it because I go by the same name, Radio Animal, and it is my voice. I don't supply the whole program, just a segment. Several times I've been critical of the FCC. But I've never directed comments to one commissioner in particular.

"I've been talking to Andy Yoder and others and they think if you are critical of the FCC, FCC employees might take it personally. That may be why they would want to do an *in rem* for a 20-minute first time broadcast.

Rahtes said the FCC has "a new amateur network of DFers. They indicated the Pittsburgh broadcasts were conducted by the same individual who previously operated WKND. We're hopeful this amateur network will go nationwide. As long as we have a general monitoring fix, we can isolate the pirate rapidly tell whether he is mobile."

The engineer said Mathews's case was one of the first in which the FCC used a combination of the amateur direction-finding network and transmitter signature analysis (also called radio fingerprinting) techniques. "We had to figure a time he would be active for a closedown. We figured Memorial Day he would be on. We have amateurs who will ride by the house and confirm it is him. With signature analysis we can confiscate the transmitter to confirm that it is the one used for the broadcasts."

Rahtes said the amateur DF network is informal and composed of "amateurs who want to stop these type of intruders. They are just amateurs interested in stopping intruders from their band and in stopping unauthorized operations generally. They isolate the identity of targeted transmissions."

He said the FCC hopes to use similar networks in other parts of the country as well as the agency's own techniques to help to eliminate unauthorized transmissions. He mentioned one technique in particular: "We have automatic remote direction-finding. We can leave pods in various locations to record signal levels, bearings and signatures."

Why did the FCC get so tough with Mathews? "In this case, it was the commission's policy to 'get tough on pirates,'" he said. "We'll be using *in rem* search warrants and various other legal techniques to seize the equipment and to serve search warrants in conjunction with the Justice Department."

If pirates continue to operate, they face search warrants, court injunctions in which pirates would face criminal penalties for contempt of court, if they continue to operate, criminal procedures and other legal techniques, Rahtes said.

FCC busts Illinois FM pirate relay station

March 25, Eric B. Hultgren made his last relay of WBBM-FM to listeners in Rockford, Illinois. Using a two-watt transmitter and a vertical antenna, Hultgren retransmitted the Chicago FM station's programming on 88.1 MHz.

The relay apparently was not appreciated by at least one licensed Rockford radio station. A representative of the station complained that there was a pirate radio station in the area, according to FCC Chicago office electronics engineer Will Gray.

Gray said the broadcast station had received complaints from its listeners. "Their listeners were receiving interference and they wanted to know if a new station were in area or what the problem was. That alerted us to the pirate."

Gray said the Chicago office's work schedule allowed an engineer to visit Rockford on routine business about three months after the complaint was received. He said Hultgren operated the station on weekends, and every now and then on weekdays.

Hultgren allowed his station to be inspected. The engineer observed a homemade transmitter mounted onto a Pioneer cable box, Gray said.

Hultgren, who is unemployed, was fined \$1,000. Gray said Chicago office engineer-in-charge Phillip Bradford has agreed to accept payment of the fine in \$100 installments, and that Hultgren has made at least two payments. "The entire fine must be paid within one year," Gray said.

VERIED RESPONSE

your center for QSL information and comment

John T. Arthur, proprietor, RD #1, Box 15A, Belfast, NY 14711

...with a little help from my friends and Staff Reporters Mark Pierce and Bud Wooten. VR is electronically transmitted to A*C*E Hdq on or before the 24th of each month. Please send your input and comments to the above address or leave them in the [P]ersonal Mail section of the ANARC TBBS prior to the 18th. Your active participation in the form of reports, suggestions or constructive criticism is solicited.

"Chastity: the most unnatural of the sexual perversions."
--Aldous Huxley

What's News: the media report

An engineer for Christian Broadcasting Network in Norfolk, VA, is facing charges of illegally using CBN satellite uplink equipment to send so-called religious messages over the Playboy Channel. Thomas Haynie is charged with satellite piracy in a six-count federal indictment. He allegedly broadcast "Repent, the kingdom of god is at hand" over a soft-porn movie on the Playboy Channel in September 1987. [LA Times, 24 May 90, via Mark Pierce]

The FCC is also sending mixed signals: FCC chairman Alfred Sikes stated in a speech in March that the Commission is charged with regulating broadcast communications ... of the US to ensure a fair and competitive communications environment. However, on March 12th the same Commission rejected a petition to establish a new class of low-power FM stations that would have introduced thousands of new competitors into the broadcast market. [via Mark Pierce]

For the thoughtful Operator, here's a great source of program material: the Great Atlantic Radio Conspiracy. GARC produces 30-min programs on such attention-grabbing topics as "The Bomb Factories", "The Great Oil Spills", "Gay Bashing" and "Ageism", and everything in between. The 13-page list of programs is reminiscent of output from "The Rest of the News", an alternative news source in the 70's. Even if you're not into activism the list makes for heady reading. Contact GARC at 2743 Maryland Avenue, Baltimore, MD 21218, or call them at (301) 243-6987. The catalog is free. [thx to Fearless Fred]

More thought-provoking material, this in print, comes from Flash Tabloid in the form of Space Tab #2. This booklet is straight out of the 60's as far as artwork and layout is concerned, and is heavy on pacifist sentiment and intelligent quotations. To see what they're about, write to: Flash Tabloid, POB 645, Silver Springs, FL 32688, and ask for a copy of Space Tab #2. [direct]

Something a little more directly counter-culture? Sure: try YAWN. This is a 'sporadic critique of culture' which is published every two weeks. Their big thing right now is organizing an Art Strike, which is supposed to last for three years. Although I haven't seen any true Art for many years, it's a very interesting concept. If you'd like to YAWN, drop a line to: YAWN, POB 162, Oakdale, IA 52319. Subscriptions are \$10 for 25 issues, stamps accepted. [direct]

Free Radio Review:

VR looks at recent releases

"Pirate Radio Stations - Tuning In To Underground Broadcasts" by Andrew R. Yoder should become the pirate enthusiasts' Bible given a little more publicity. This weighty tome is more than just a collection of brief descriptions; it is a thorough and carefully researched history of Free Radio from 1925 to the present. Andy covers the subject like glue, almost as though he were writing his Doctoral thesis. Chapter headings include: "Inside Pirate Radio", "Offshore Pirates", "Holiday Pirates", "Political Pirates" and "Verifying Pirates" and delve into great detail. This project took

over four years to complete, about one year to hit print - and another six months to be reviewed in this column! Andy has done his homework on this one. We guarantee you will not be disappointed. The book is available from TAB and many electronic and book stores, or directly from Andy for a bit less. Send \$12.50 to: A.R. Yoder, Box 109, Blue Ridge Summit, PA 17214.

-- requiem --

The Tube Radio staff is stunned, saddened and overwhelmed to inform you that their chief operator, Zippo Hiplock, died suddenly at the age of 34. Zippo was the impetus/catalyst behind the scenes of Tube Radio. While he remained 'mic-shy', it was hoped later broadcasts would catch some of his instant insanity and wit. Unfortunately, Zip was not captured on any usable tape before his untimely demise, so the pirate radio community has been robbed of this opportunity by a foe more powerful than the FCC.

Zip's other half, Lady Di-ode, while strongly committed to the idea of Free Radio, may not be a part of the Tube Radio team in the future for obvious reasons. Her thoughts are NOT on the subject just now. In fact, Ray Cathode has gone into seclusion for the time being. Zip was not an active 'pirate' for long, but had been a very sympathetic listener for the past six or seven years. We ask that the maildrop be spared sympathy cards and flowers. An open carrier at midnight UTC on 14 July 90 would be a nice gesture, however. Regretfully, a Tube Radio correspondent (Cause of death is being withheld to conceal Zip's true identity.)

Off the Wall.... the rumor center

It has been reported that FCC Field Engineer Serge Loginow has no qualifications to make his claim, that "pirate operators are mildly disturbed individuals". While we certainly support his Right to form opinions, it is quite improper and unacceptable for a Public Servant, who sucks up Our tax dollars every payday, to make such statements publicly...

Additionally, the report of the Zodiac Radio (June ACE) incident points up the fact that these Public Servants take great liberties interpreting their own Rules. But that is precisely the problem with uncontrolled agencies; one agent can hide behind another agent, and, ultimately, they all hide behind The Rules. They still have never told us what is so terrible about someone operating a transmitter without a license - it's always the same old drivel: "it's against the law". But so is exceeding the 55 mph speed limit in most places. So what?..

And look again at the June issue, at the report on Secret Society Radio. I received a copy of Conrad's letter, and it was plainly a request for a receiver and/or donations to help pay an outrageous fine. Conrad did not ask for transmitting equipment, so how does FCC agent J. Jerry Freeman come to his conclusions? Further, since the FCC agents illegally stole his receivers, THEY should have to pay the shipping expenses out of their own pockets, without Commission assistance or recompense. These guys must ALSO obey the law, after all...

Mouthterpiece Theater (formerly: Soapbox) ACE members speak out:

Oh boy, do we have a hot topic with these QSO stations! This month we have a letter from ACE member Shawn Zurbrick, in Texas, on the subject:

"I just read Mr Sachs opinion on these people who own HF rigs and tune out of band and make up some idiotic call letters for a pirate station just for the publicity, and Mr Arthur's comment on the issue. Steve has a point! It seems a real waste of time to actually expend the effort to send a logging to A*C*E when there is lots of REAL pirate broadcasters who take what they're doing seriously. To fill out the paperwork to do this takes time, and lots of time is wasted on these meaningless transmissions. How do we know if these stations are REAL? Unfortunately, I don't have the answer to that. So we log QSOs of pirate Ops; that to me is a waste of time as well. Sure, maybe it might have some info for the SWLs about the stations, but are they not QSOs? A QSO is a conversation between Ops,

not a broadcast. Correct? Well, while we're logging those, why don't we go ahead and log the 27 MHz CB and SSB QSOs as well? After all, many of them operate illegally. If we're gonna log such, let's have a special column for them since they seem to be becoming so popular. Let's give (Kirk) Baxter a break. Who seems to like to make xmsns such as this, why don't they become a contributing editor and have their own page in the A*C*E?" S/Shawn

Believe it or not, there are many people who DO log QSOs - everybody that DXs on ham bands or CB, for instance. Just because the xmsn may not be a broadcast is no reason to discriminate. To me, it's a broadcast if a transmitter is turned on, so QSOs count just as much as anything else. And QSOs are often funnier and more interesting than a "real" broadcast, so why all the nit-picking? Let's hear more on the topic. jta

What do YOU think? VR is a forum for Your opinion and comment. Kindly organize Your thoughts, be concise and expect comment directed at Yours. I may edit to fit space available but will try not to alter Your intended meaning.

++ under the door ++

QSL report for: July 1990

Ontario's Bob Ross broke his stapler putting up a full data computer generated foreign language sheet from WINN - 7415.3 signed by Bob in one month for a report in The A*C*E, a full data special QSL (#34) and info sheets from WKND - 6240 signed by Radio Animal in six months, two full data cards from Radio Dublin - 6910 signed by Bernard Evans in three years, a green Ian McFarland sheet (#14) from WLIS - 7414.8 in one month, a full data PFC from Pirate Radio UK via ECPR - 15063 signed by N Tesla in three months, a full data yellow card (#230) from Radio USA - 7394.7 signed by Mr Blue Sky in two months, and a full data yellow card (#15 1/2) and personal letter from Tube Radio - 7394.9 signed by Ray Cathode and Zippo Hiplock in one month. If you have a spare stapler...

ACE member Jim Kalach received a full data card (#18) and very personal letter from Tube Radio signed by Ray Cathode and Zip.

Los Numeros On Line reports three new cards - two color postcards from Radio Stella Int'l along with a schematic of the xmtr and station history signed by Jock Wilson, and a letter from Rockabilly Radio with an order blank for Rockin' Rhino items.

Virginia's Steve Rogovich reports a yellow "Oh NO!" card (#219) from Radio USA - 7396 signed by Mr Blue Sky in 59 days.

Ohio's George Zeller checks in with a full data "rhino" sheet from Rockabilly Radio - 7412 signed by Rocky in 46 days, a full data blue-green tourist card from Radio Ganymede - 7415 in 38 days, a full data orange and green card from Tube Radio - 7395 signed by Ray Cathode in 20 days, and a full data mgreen card from One Voice Radio - 7415 signed by Joe in 20 days.

Kansas' Don Bishop got a strange one - a full data letter from WHITE, "Hot 104 FM" which was being relayed by a pirate on 26.295 MHz. Took about two months.

Ye Olde Editore lost his stapler, so he nailed up a full data "POC" card from Hope Radio Int'l - 7395 in about 10 days, a full data card (#3) from Voice of Bono - 7413 signed by Gary Daniels and Bono in 12 days, a full data "lightening bolt" card (#4) from RFM - 7400.6 signed by HVShort in 14 days, and an Amhauser-Busch end-flap from Voice of Intoxication - 7411 in about three weeks.

Best of DX and 73...

DX Clip Board

Andrew Yoder

POB 109

Blue Ridge Summit, PA
17214

Howdy again! I dunno what it is but it seems like the ACE comes out every two weeks these days! After I was finished typing last month's column, I found another interesting book in the Loomp-anic catalog. This one's called "Radio is my Bomb" and it's about an FM pirate in England. I think he's an anarchist, too (or something like that). By the way, I got a few extra catalogs from

them and I'm willing to part w/ them for \$2 apiece (to cover the postage). Bud "Mr. Reading Material" Wooten answered my question from last month—these catalogs normally cost \$3. Does Bud know everything about this stuff or what??

Of course, one of the latest conversation occupiers is the Voice of Tomorrow once again. Sometimes I wonder if these guys are serious or if they pop-up once or twice a year just to give the DXers something to talk about. Another interesting thing is that for how controversial they are, the programs are really boring. And for all the attention that the media has been giving to Nazi skinheads, none of the elements have seeped into the VoT's programming. If it would ever happen, then there might be a reason for concern. By the way, I have a copy of the original Nazi skinhead band, Skrewdriver, playing "Tomorrow Belongs to Me" for those of ya interested.

Speaking of tapes, I also have copies of the pirate songs "We Want the Airwaves" by The Ramones and "We Love the Pirate Stations" by Trinity which were played frequently by US pirates in the early-80s. Lemme know if yer interested in any of those and maybe we can work something out.

By the way, has anyone seen the Free Market Broadcasting 60 min video of CA FM pirates? Eventually I'm gonna hafta write to Loose Cannon about it. Sounds interesting! I wonder how long it's gonna take for more things like this to start poppin' up? Europe's loaded with this kinda merchandise.

I've got a question for Harry and Havanna. Where do ya send what? I know I'm really ignorant about #s stations and the like, but it seems like you both will accept the same info. Is that true or are there different types of info that goes into the Covert Corner but not in the Havanna Moon column? Just wondering, so I'll know what to do when I get some #s logs rounded up.

I recently had QSLs from KBFA putter through the drop for WX2R and Radio Janymede (#s 1 & 2!). The Archer said that they use a DX-100B (Heath) into a dipole on 8000 KHz, a Kenwood TS-440S into a vertical on 7415 KHz, a Heath DX-60 into a dipole on 1620 (as WHAU), and a RCA BC10 exciter on 96.1 MHz (as KBFM). What's amazing about all this is that KBFA was first reported in the ACE in 1985. Since then, listeners have occasionally reported the station. I believe KBFA said they've been on since 1978, but I've never seen them reported anywhere, so I dunno if it was on FM, 8000 KHz, or somewhere else. Maybe the Archer will start reading the ACE, and get a maildrop so he can receive some listener feedback.

E.V. Short from RFM has been playing around with new equipment, so maybe we can expect better signals from them when they return. He's also been writing more programming. Between the two, I'm really excited about hearing him again (you should be, too. hi!).

WX2R has greatly slowed their # of broadcasts. They don't expect to be overly active in the near future. I guess the mail situation's gott'em bogged down. Stanya asks everyone who doesn't have their card to please be patient. They will be coming soon (hopefully). I can witness that he gets tons of mail!

And now part 2 of UK Mobile Broadcasting continued from the May ACE. Written by Pete from Activity zine.

UK Mobile Broadcasting

Some rules for outside mobile operations:

1. You'll want a good site that's fairly isolated.
2. Make everything you take portable.
3. You want small, cheap tape recorders, transmitter, antenna, co-ax, car battery (inverter will run a battery), audio leads, and a shortwave radio for monitoring outgoing signal. Take along a few spare crystals,

Continued on page 31

CLANDESTINE PROFILE by George Zeller

Your loggings and information on clandestine radio stations are always very welcome for this column. You can mail them to your editor at 3492 West 123rd Street, Cleveland, Ohio 44111. Or, you can call (216) 941-3366 anytime, or else (216) 696-9077 between 1200-2045 UTC on Monday through Friday.

Summer is not exactly the height of the DX season, and we have a light turnout of reporters this month. But, this gives us a chance to catch up on a couple of items that have been lost in the shuffle earlier during the very busy clandestine DX year of 1990. Some of these issues straddle the line between clandestines, pirates, and other unusual transmission categories.

SUMMARY OF CUBAN CLANDESTINE DEVELOPMENTS

This column has been regularly covering a number of recent developments in the very active Cuban anti-Castro clandestine scene. Some of the news has been broken in the A*C*E, but other recent changes have not yet been mentioned here. Thus, it seems like a good time to review the current situation with the Cuban stations. Many developments have been widely covered in the major DX press, including Monitoring Times, Popular Communications, Glenn Hauser's publications and DX programs, Gerry Dexter's Clandestine Confidential newsletter, etc.

Two longstanding Cuban stations still broadcast quite regularly on a purely clandestine basis. The mysterious Radio Caiman continues to hold forth on 9965 KHz in the mornings and evenings with an excellent signal for its slickly produced programming. Astonishingly, after several years of continuous operation, we still have no address for this one, or even a clue toward the identification of the group that operates the station. The second pure Cuban clandestine, La Voz del CID, continues its extensive activity on a daily basis. It remains the mouthpiece of Huber Matos Jr.'s Cuba Independiente Democratica organization. CID is easily audible even with inexpensive receivers on 9941.7 // 7340.1 KHz in the evenings. It switches the 31 meter frequency to 6305 KHz late at night.

Another old-time Cuban clandestine, Radio Antorcha Martiana, was busted for the second time in its history on February 9 by the FCC. This station, operated in Miami by a wildly anti-Castro group led by Eloy Escagedo, was previously busted eight years ago by the FCC in Florida. The new 1990 bust has an aura of strangeness to it. It has been covered by virtually all of the mainstream DX press and DX programs. This coverage has all been generated by a typical FCC Press Release that was issued in association with the bust. However, except for the FCC, no DX-ers seem to have heard the 1990 second incarnation of this station. To the best of your editor's knowledge, no loggings of Antorcha Martiana have been submitted in recent years to the A*C*E, or to any other DX publications. This is puzzling! If the station had reactivated, at least somebody in the very active community of veteran Florida DX-ers would ordinarily report it.

Two other Cuban clandestines, one with a multiple history of FCC busts, are currently buying time over the licensed USA shortwave broadcaster WHRI in Indiana. On the June 23 edition of World of Radio, Glenn Hauser summarized the most current information on WHRI's relay schedule for La Voz de la Fundacion, and for the station's new customer, **La Voz de la Alpha 66!** Yes, the oft-busted and shrill Alpha 66 is back, this time over WHRI. (Hauser cited **Jeff White** as his source for the WHRI clandestine relay information). Alpha 66 allegedly became a WHRI customer on June 11. Its schedule is 0030-0100 UTC on 7315 // 9495 KHz and 1130-1200 UTC on 9465 // 11790 KHz. Jeff says that no shows are aired on Sunday or Monday. La Voz de la Fundacion continues its extensive WHRI schedule (previously mentioned in the A*C*E) with one hour broadcasts Monday through Friday at 1200, 1500, and 0500 UTC, and a two hour slot at 0100 UTC, using normal WHRI frequencies. Thus, on most nights of the week, the 0030-0200 prime time evening slot on WHRI is now occupied by Alpha 66 and Fundacion, back to back.

A*C*E member Bob Ross of Ontario checks in with a Fundacion QSL from the WHRI relay. He received two full data QSL cards in two months for mint stamps; his report was for the 7315 KHz WHRI frequency. Bob also got bumper stickers and an Amoska Forge magazine titled The Cuban Monitor. Good work, Bob! Jeff White (VIA Hauser) lists two very similar addresses for the two different WHRI clandestine relays. Fundacion (and the Cuban American National Foundation, see the June A*C*E) uses Post Office Box 440069, Miami, Florida 33144. The newly resurrected Alpha 66 is using Post Office Box 420067, Miami, Florida 33142.

All of these Cuban stations are quite easily audible in North America. The anti-Castro community in South Florida is clearly excited about the possibility of Castro's imminent demise. Gorbachev's budget problems obviously present a potential threat to Castro, who relies heavily on financial subsidies from the Soviet Union. However, it is quite unlikely that Castro will be thrown out of office anytime soon. He has a thorough grip on power in Cuba, but this does not seem to have dimmed the enthusiasm of the anti-Castro clandestines very much.

RADIO PATRIA LIBRE

The 49 meter anti-Colombian clandestine Radio Patria Libre continues to be well heard in North America, despite the long seasonal daylight hours in North America. Your editor pulled them in on June 12 from 0100-0121* UTC on 6305.1 KHz. (This frequency has been slightly variable from night to night in recent weeks, and it does not seem to use the same powerful transmitter that is used by La Voz del CID on 6305.0 KHz later at night). I sense that the production values at Patria Libre are improving. The station sounds somewhat less crude and more professional than it used to. They still have roughly the same format as before, with both male and female announcers mixed in with instrumental music bridges and folk tunes. Unfortunately, this is another station that so far has no known address.

VOICE OF TOMORROW AND THE FCC

The June issue of A*C*E printed several loggings of the widely heard and lengthy broadcasts of May 13 from the Voice of Tomorrow on 7409.9 and 6239.9 KHz. Bob Ross sends in another logging for the 6239.9 KHz show, from 0248-0329 UTC on the 13th. This station has made at least 60 or 70 different transmissions since it first was noted on the air on June 18, 1983. Although it operates sporadically like a pirate, there seems to be an evolving consensus among DX-ers that this pro-Fascist station is actually a pure clandestine operation. In fact, it remains the only pure clandestine that beams English language programming on shortwave to North America. In May it once again operated with no knock on the door from J. Eager Heaver of the FCC DF-ers. So, I think that the time has arrived to dust off the editorial soap box for the umpteenth time.

The pirate and clandestine bust policies of the FCC are flawed, and they should be modified. This year the FCC has busted a small handful of harmless hobby pirates such as WKND, WBBH, Secret Society Radio, and Zodiac Radio. These busted stations had transmitted on a sporadic basis, had interfered with no other broadcasters, and with the exception of the FCC Field Operations Bureau, they had offended no one. None of the busted stations ever called for the fundamental overhaul of the United States government, or for the utter reorientation of the political philosophy of the USA government. Even so, the stations were busted, fines were assessed, and equipment was confiscated. At the same time, for the ninth year in a row, the FCC has permitted the radically offensive Voice of Tomorrow clandestine station to broadcast for hours with a powerful signal from within the USA, usually with multiple lengthy transmissions on a single night. In the past, the Voice of Tomorrow has been DF-ed by the FCC to a QTH that is less than four hours drive (at the speed limit) from the FCC's main headquarters office in Washington, DC. Despite its blatantly Fascist and pro-Nazi programming that is professionally produced and aired over a relatively powerful transmitter, the Voice of Tomorrow has never felt the heavy hand of the FCC.

In recent months, A*C*E contributing writer Don Bishop has published several excellent articles covering the FCC's recent pirate enforcement activities in the pages of the A*C*E. I want to thank Don in print for his fine journalistic work. But, I also would like to submit a public suggestion to Don. His very interesting interview with Dick Smith, Chief of the FCC Field Operations Bureau, ran in the May A*C*E. There even was a full page picture of Dick on page 10 of that issue. (I wonder how many of these pictures appear as dart boards on the walls of pirate studios in this country?) I appreciated Dick's many candid responses to Don's inquiries. But, a key question was unasked in this article, and is therefore unanswered.

The results of government expenditures for the FCC are measurable. The proof of the pudding is in their performance, which is a public record. Why does the FCC allocate and manage its Field Operations personnel in such a way that a handful of genuinely harmless hobby pirates are occasionally busted, while a high-power clandestine operates freely without FCC interference from 1983 until 1990 from within the United States? The FCC did recently list the Voice of Tomorrow at #1 on its list of the "Ten Most Wanted" pirates, but that strange list also included WWEO as #6 (which apparently has never broadcast) and The Superstation as #3 (which absolutely nobody in the DX hobby seems to have ever heard of). If Mr. Smith has an explanation for the long and high-powered run of the Voice of Tomorrow without any interference from the FCC, I would be quite interested to see it.

On multiple occasions over the years, this column has raised the speculative possibility that the FCC has ignored the Voice of Tomorrow for political reasons. It is possible that the US government, particularly during the ultraconservative Reagan administration, has not been genuinely opposed to the Voice of Tomorrow. At least some figures in the Reagan administration (and a small but measurable percentage of the far right constituency of the Republican party) were far enough to the extreme right of the political spectrum that they would not be strongly opposed to the station's overtly Fascist views. Now, we have no hard evidence for this speculation that goes beyond circumstantial evidence. I repeat that this theory is speculation. However, the concept is not entirely baseless on logical grounds. If somebody like Noriega or Khadafi began a Voice of Tomorrow-style clandestine radio operation from within the USA, it seems certain that the response time of the US government and the FCC would be virtually instantaneous.

In the case of the ultra-right wing Voice of Tomorrow, eight years of benign non-enforcement can hardly be considered "instantaneous" response time. The situation is curious, and it leads to periodic speculation in this column and in other segments of the DX community. Does the FCC have a position on the Voice of Tomorrow, and does it have some explanation for its eight year record of toleration of this station?

On the other hand, I want to make it clear that I am not encouraging the FCC to bust any pirate or clandestine station, particularly if that station is not generating harmful interference to other stations, or to nearby receiving equipment. In my view, the First Amendment protects the speech of the Voice of Tomorrow. This station generates a very clean and highly professional signal on frequencies that seem carefully planned on a non-interference basis to other broadcasters. So, why bust them? I see no reason to do so. My point is that there is also no reason to bust similar unlicensed hobby stations either, as long as these stations do not generate harmful QRM. I do not question the FCC's bust inefficiency. I instead am questioning their "selective enforcement" performance that tolerates Fascist stations, but that busts benign comedy and entertainment stations. As an A*C*E member, what do you think?

WORK IN PROGRESS

Mark Pierce of California sends in a note that the Winter 1990 issue of the Journal of Communication contains an article on europirates and the system of radio regulation in Europe. Mark continues to research published articles that discuss unlicensed and/or clandestine stations, and we appreciate his work. Mark also sent in a page from the latest Loomponics catalog that has a nice listing for the 1990 edition of The Pirate Radio Directory.

CLANDESTINES, PIRATES, AND BOOTLEGGERS

The DX hobby is famous (or notorious) for long-running discussions. Over the years we have tossed around issues such as the definition of a SWBC radio country, the distinction between a broadcaster and a utility station, the definition of a "real" QSL, and so forth. Sometimes these discussions have been full of heated controversy. A*C*E seldom has dealt with issues like this, but in recent weeks, definitional questions have come up in the unlicensed radio monitoring hobby. For instance, we dealt with the pirate vs. clandestine classification of Free Radio One in recent months within this column. (NOTE: The Tom Valentine Show, a staple on the Free Radio One relay tests when the station first began broadcasting, is now carried nightly over WWCR!)

A new question has surfaced in places like John Arthur's A*C*E column and Andrew Yoder's Pirate Pages newsletter. For the last couple of months, a rash of pirate QSO's have sometimes peppered the shortwave bands. Some of the stations in these QSO's have been longstanding pirates, but others have identified themselves as new pirate stations. Some of the new stations (such as East Coast Beer Drinker and others) have transmitted little or no produced programming, and have been not unlike an amateur radio or CB station that simply QSO's. Veteran A*C*E member Steve Sachs of Illinois has been wondering in public if these stations should be considered to be "pirates." He also wonders if they should be "immortalized" (!?) by citations in Kirk Baxter's A*C*E Dialogs column, the Pirate Pages, The Pirate Radio Directory, etc. Steve's point is that the one-shot QSO stations are considerably less interesting than the high-quality pirate stations who produce entertaining programming, such as Radio Clandestine, the Voice of Laryngitis, Radio USA, and so forth. Thus, Steve wonders if a means could be found to de-emphasize the one-shot QSO stations in our hobby, while simultaneously encouraging the quality and long-running pirates.

Steve raises a question that is worth thinking about. Andrew Yoder seems to have definitively solved the classification problem in his book, Pirate Radio Stations: Tuning In to Underground Broadcasters (1990, Tab Books, \$11.95, available at better shortwave retailers everywhere). Andrew calls the QSO stations "bootleggers" and the obvious political stations "clandestines," with the remaining hobby stations falling into the "pirate" category if they produce programming for broadcast. Andrew's categories seem reasonable to me. The Pirate Radio Directory has generally ignored (or greatly deemphasized) bootleg stations, but this book traditionally includes all known SWBC pirates, regardless of their number of transmissions. Kirk Baxter has traditionally followed similar criteria in his A*C*E DiaLogs column for years. Is this longstanding norm reasonable? Or, does Steve have a point when he suggests that we re-examine it? The opinions of A*C*E members on the issue will be welcome in the Clandestine Profile column. Send them in!

THANKS!

This month we thank Bob Ross (Ontario), Mark Pierce (California), and George Zeller (Ohio) for their direct input. We all hope to hear from YOU! by July 21 for the August Clandestine Profile column. Also, please refer to Harry Helms' column in this month's A*C*E. We can use your signal strength reports for the 5046 KHz numbers station during daylight hours at your QTH.

COVERT CORNER

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You would think with all the things going down in Liberia that KKN44, the station supposedly at the U.S. embassy there, would be humming with activity these days. *But no.....* In fact, the most remarkable aspect about KKN44 on 4886 and 7652 kHz these days is how ordinary things are—just the usual canned QRA markers, sometimes interrupted on the hour and half-hour for hand-sent QRA markers and brief, cryptic CW (such as "01X18K" on 4886 heard 0531 on June 4). Both 4886 and 7652 kHz seem to be in parallel, even down to the hand-sent portions.

When can you folks on the east coast first hear KKN44 in the evening? Can you hear it in the daytime? George Zeller, *Pirate Radio's Foremost Journalist* @, hears all sorts of cool stuff while it's still light outside. Case in point: 5046 kHz, which is often parallel to 6840 and its never-ending stream of four-digit numbers and assorted fun. George hears 5046 around 2200 daily in Cleveland (hell, it might be the highlight of George's day for all I know) and it's about S8 on his NRD-525, *the most baddest DX machine you can buy* @. Not only is S8 very respectable at 2200, it's the only thing George can hear on 60 meters at that time! George surmises—correctly, I bet—that this transmitter is within 400 miles or so of Cleveland.

Now it gets really good. George asked for others to monitor this signal via a request put out over the ANARC ham net. Joe, N2JB, took up the challenge and told George he could hear 5046 at 1522 in Virginia Beach, VA—that's 11:22 a.m. local time, gang, and the signal was loud.

I'll let Havana Moon wrestle with the numbers stations implications of all this. But it does make me wonder if signals like those from KKN44 on 4886 and 7652 or KKN50 on 6925.5 can also be heard in daytime back east. How about it, gang? Could some of you give a listen and let us know what, if anything, you manage to hear?

I got a note from "Collins" in West Allis, WI. I don't know his/her first name, but as long as he/she does, I guess everything's OK. Anyway, on June 6, he/she spotted the Foghorn on 6820 at 0438, 11140 at 0448, 19029 at 0457, 18925 at 0503, 18625 at 0506, 18480 at 0509, 18310 at 0511, 15750 at 0514, and 10650 at 0520. The pattern was one tone about two seconds in length. The Foghorns ended at 0500 (midnight CDT) and resumed about two minutes later. All frequencies were off the air by 0710, and no numbers stations were noted.

Kevin Henderson of Tucson knows what kind of fun stuff floats up from south of the frontera. Examples? 7435 on May 19 at 0915 in SSB, where he heard a male announcer shouting numbers and what seemed to be commands in Spanish. Between the shouts, there was slow hand-sent CW and tapping on the mike at 0918. Later that day, at 1019-1023* on 7450 SSB, he heard a man repeating "a la hora treinta...a la hora treinta...0938...315...novente 7...201927...novente 6...cinco kilos." Still on May 19, he caught two men in Spanish on 8170 SSB at 0939 onward. They were having a rapid conversation, with one stretching out syllables ("amigoooo...") and both laughing as if it were exceedingly hilarious. Yeah, Kevin, I hear a lot of this stuff too, and I assume it's primarily from Mexico. In my travels in Baja in search of The Ultimate Margarita (frozen, salt on the rim please), I've noticed that quite a few of the official buildings (particularly on the Tijuana to Ensenada highway) have what appear to be HF antennas. I also understand that a number of converted ham HF transceivers are used for communications in more remote areas of the Bajas and Sonora. Undoubtedly, that's what we're both hearing.

Finally, a tip from Kristin Kaye who was taking part in *Los Numeros On-Line* on Portal on May 28. She and several others were monitoring the Voice of Stench on 7355. At 0330, a "P" beacon started up atop the Voice of Stench. At 0332, the Voice of Stench began a comedy sketch. At 0335, the "P" beacon stopped and the following was sent in CW: "this guy is pretty funny." After that, the "P" beacon resumed!

Getting serious for a moment: the June ACE had a lot of stuff that demands comment. First, Mark Pierce has a good idea with the Freedom of Information Act requests, but it's been my experience that the FCC is the *worst* of all government agencies when it comes to replying to FOIA requests. They are required by law to acknowledge your request in at least 30 days of receipt, but usually the FCC doesn't bother to do even that. Maybe letters to your Congressional representatives if they don't live up to the FOIA requirements? Secondly, I can understand why the FCC's Jerry Freeman might be reluctant to have his engineers give interviews re pirates—he was the guy I anonymously quoted in *How to Tune the Secret Shortwave Spectrum* pooh-poohing the notion that WGOR and WFAT could operate with impunity from New York City—probably wants to keep egg off the faces of his subordinates. And finally, while I have little use for career civil servants like those found at the FCC, I can't get too upset at the fates of Zodiac Radio or Secret Society Radio. I hope I'm not giving out too big a secret here, but there's nothing in the law or Constitution that says the FCC has to give suckers an even break. If you're a dummy, people will take advantage of you. This is true when you buy a car or a house, get a job, travel, meet the FCC or IRS—whatever. If you're going to take on an agency of the government, at least spend some time learning about your basic rights and be prepared for confrontations. (Hint: if they don't have a search warrant, you don't have to let *anyone* enter your home. And you don't have to say anything, even if they do have a warrant, without an attorney present. They have to prove you're guilty; you don't have to prove you're innocent.) Please, you would-be pirate radio types, don't be so stupid!

Thanks for the great support! Please report for next month! 73,

Harry

Morning breaks slowly
Bright now the shadows
Yet pale moon lingers
White crescent
Blue dawn

-- kurichan

* Numbers 101, Part 7 *

Anybody noticing that Numbers transmissions seem to be on the rise? They're out there in a dozen languages and a dozen or more transmission formats. Uncommon intercepts have been coming in - some of them during daylight hours which have been traditionally difficult to monitor with any regularity. And now, all of a sudden, they're popping up all over the place - turn on your radio and you're going to run into one. Or two. Or more!

So the lesson for this month is watch, and listen. Notice how the transmissions vary between weekdays and weekends. Notice how they're markedly more frequent after 0500 UTC. Notice when the commonly repeated messages change. And change again. The detail is important. That's where you'll find the clues.

AND NOW . . .

5015	2300 UTC	3/2	GG	YL	kk/NY
[Papa November station with music box interval signal]					
5092	0230	5-D	SS	YL	LN
5860	0501	5-D	RR	YL	WB/MD
6840	0230	4-D	SS	YL	LN
6870	0602	5-D	SS	YL	WB/MD
[Cuban accented announcer]					
6875	0606	5-D	SS	YL	WB/MD
6890	0704	5-D	SS	YL	WB/MD
7395	2335	5-D	??	OM	JB/NM
7404	0607	5-D	GG	YL	WB/MD
7415	0130	5-D	RR	OM	kk/NY
7415	0230	5-D	RR	OM	kk/NY
[Two 5-D groups only, followed immediately by a high speed CW cut numbers transmission]					
7527	0708	5-D	SS	YL	WB/MD
7780	0547	5-D	SS	YL	WB/MD
7831	0414	3/2	GG	YL	WB/MD
7845	0618	5-D	SS	YL	WB/MD
7887	0730	5-D	SS	YL	WB/MD
[Powerhouse signal on this frequency]					
8165	0641	5-D	SS	YL	WB/MD
8063 USB	0506	3/2	GG	YL	WB/MD
8418	0315	5-D	SS	OM	LN
8420	0315	5-D	SS	YL	LN
8777	0330	5-D	SS	OM	LN
9220	0330	4-D	SS	YL	LN
9958	0230	4-D	SS	YL	LN
10445	0747	5-D	SS	OM	WB/MD

11490	1833	4-D	SS	YL	WB/MD
12520	0441	5-D	SS	YL	WB/MD
13469	0430	5-D	EE	YL	LN

FROM THE LOGBOOK - HM's ELECTRONIC RECEPTION REPORT

"7415 was just amazing again last night! There was an unidentified pirate who never spoke playing music on AM, being rudely interrupted by the attack of the 7415 cw 'e's (first in AM, then switched to LSB), both coupled with nifty official sounding voice talk on USB. The chronology of what I captured is outlined below. I'm sure I missed stuff because I would be on AM listening to the pretty pirate music and hear the distorted voices from the USB kick in, etc, but not be able to understand them till I switched over to USB, etc etc etc.

Also, except for being sure that, once again, those nasty cw 'e's forced a poor helpless Italian song loving pirate off the air, I honestly don't know if the transmissions on USB had any connection to what was going on on lsb or AM...

So, with those thoughts in mind, here comes Chippy Log, Potato Date May 9, 1990, (Wednesday) starting at 0339 UTC.

All events at 7415 kHz.

Time (UTC)	Mode	Comments
0339	USB	OM saying "Don't worry about it Charlie."
	LSB	[meanwhile the first cw transmission starts up as normal - I didn't note the exact time.]
0400	USB	OM saying: "Victor 17 Victor 17, Juliet 32 Juliet 32, operations normal, operations normal"
		[He was answered by someone I could not hear well.]
0403	USB	I'm beginning to think I hear music in the background.
0407	AM	Music is definately being played and seems to be getting louder.
0410	AM	Music loud enough to be identified - It is a recording of Adeste Fidelis, the xmas carol, being sung in Latin.
0413	AM	Music: Hark the Herald Angels Sing, in EE.
0416	AM	Music: O Little Town of Bethlehem, in EE. [The record may have been warped - the speed wasn't quite right. Before completing the song, it was stopped...]
0417	AM	O Little Town of Bethlehem is stopped, and restarted. [The speed problem seems fixed for the most part.]
0419	AM	O Tannenbaum starts, possible in German. [The recording was somewhat scratchy. All these carols were being sung by what sounded like the same group so maybe it was all together on a record or tape.]
0421	AM	A new carol started. I recognized the tune but don't remember the name.
0422	AM	The record was stopped prematurely - before the song was done.
0424	AM	Carrier lost.
0427	AM	Carrier up. Same vocalist but not a song I recognized. The language sounded Italian. [I was wondering if these were old Caruso recordings.]
0430	AM	New song, same vocalist, same language, Italian (?).
0431	AM	Electronic sounds - sounds like someone is either trying to jam the pirate or is sending data on ssb.
0432	USB	OM saying: "roger roger xray 37 juliet 08" the music on AM can be heard in the background.
0433	AM	Another song, Italian, same singer.
0435	AM	Electronic 5+ LED whistle; pirate keeps playing; more whistles
0436	AM	New song, same singer, Italian.
0440	AM	Those frisky cw 'e's start up - definately on AM!!

0441	AM to LSB	The pitch of the 'e's was being adjusted, changing. The song ended and no more started up <sniff>.
0445	LSB	The 'e's definitely switched to lsb and off AM. The cw starts into message transmission.
0452	LSB	Data transmission stopped.
0453	LSB	Definately music but of a rock & roll type and only for a few seconds.
0454	LSB	All quiet.
0459	LSB	Electronic type activity.
0506	LSB	Nifty electronic transmission - sounded like a voice encryption
0507	LSB	Transmission done, carrier still on.
0507	LSB	Electronic activity but not the type that occurred a 0506 UTC.
0511		I stopped chronological record.

Hey - Mr. Xmas Caruso - please ID yourself next time so I can QSL!!"

Chippy

What'd I tell you about those YL's? Confidential to Mr. Xmas Caruso - regard this as a PSE QSL - if you can verify, QSL to PO Box 149, Briarcliff Manor, NY 10510 and I'll see that it gets to Chippy!

HM's YL OF THE MONTH

It's Mom Martin. Ira's Mom. And as I write this on Mother's Day, now that Ira has left for greener pastures - leaving Mom behind in the Bay Area, I know it's just a matter of time till Mom out does Ira. Because although the grass may look, and even actually seem to be greener on the the other side of the fence - remember this - it's just as hard to mow.

All kidding aside, Ira - I wish you well in your newest endeavor - and I can promise you'll find that what you hear on your radio in the DC area is a lot different than what your Mom is hearing in California. Congratulations, Mom!

HM'S ON-LINE UPDATE

The Amigas are the proud recipients of the following QSLs for Pirate loggings made during Saturday Night Live Pirate Chasing on Portal:

- 2 QSLs from Radio Stella International
- 1 QSL from Midnite Radio
- 1 QSL from Rockabilly Radio
- 1 Booby Prize Sorta QSL from Radio Ganymede who wants more details - guess we devoted too much space to Commandante John - the Voice of the Ganymedian Empire is seeking equal time. Well - we can comply - the detail you've requested is in the mail, and a tape of your ID on 4/16/90, as well.

Announcing a new weekly workshop series on Los Numeros - Saturday nights at 9:30 EDT - WIRED: The Inside Story on Antennas hosted by ACE Member Chris Smolinski. This leads into our weekly *RADIO*101* session and Pirate/Numbers Chasing. Things are hopping - and we're having a wonderful time. The invitation stands - join us!

RACING WITH THE MOON

- You know the YL on 6840 kHz who transmits two repeating 4-D groups in Spanish every single night at 0230 UTC? She never gives a header, never a terminator. Just two groups, preceded by 10 electronic tones repeated for 10 minutes exactly. Off like a clock at 0240 UTC.

There's plenty of speculation about who is responsible for this transmission and who it's meant for - new information just this past week - a parallel frequency, 9958 kHz. Consider the following - the parallel is NOT heard in New York, heard very faintly behind a significant level of interference in Washington and heard clearly (but not as well as the primary) in Florida. What do YOU make of it?

- Remember Radio Marti, folks? Not to be confused with the newborn TV Marti, we're talking here about the 1180 kHz medium wave frequency that's home to the Florida-based marathon radio operation. Seems now that the folks at Radio Marti find themselves in the same boat as the folks at TV Marti. Castro's mad. And Castro's jamming 1180 kHz 24 hours a day. In the past, the Cuban Government only sporadically jammed the US based broadcaster.

Radio Marti, as you remember, began broadcasting news and entertainment toward Cuba in 1985. TV Marti began its daily transmissions just a few weeks ago.

CONTRIBUTORS CORNER

William Blight, Michele C., kk, Zel Eaton, The Los Numeros Amigas, John Brewer, Jim Vickonoff, Dan Simone, Martha Wood and Andrew Tannenbaum.

HAVANA MOON RECOMMENDS . . .

- **RADIOSCAN MAGAZINE** - now in English! The premiere English edition of this popular Hispanic publication dazzled everyone at Dayton. Oversize and polished - with a computer focus that's sorely missing from any of the other Shortwave magazines - this one is a winner! Annual subscription rate is \$14.95, available from Radioscan Corporation, Suite 2K-5, 175 Fontainebleau Blvd., Miami, FL 33172. Or call Rita at 305/551-7225 and tell her HM sent you!

- **THE NUMBERS FACTSHEET** - Premiere Edition - Compiled and edited by yours truly. A quarterly forum on Numbers, Numbers and more Numbers. Sample copy for A*C*E Members \$3.00 - proceeds to The A*C*E Treasury. Forward your requests to Kirk at the Club address, and he'll route them on to me. Annual subscription rate \$16.00.

- **PIRATE RADIO STATIONS** - by Andrew Yoder. A terrific addition to the bookshelf, this fascinating historical review of pirate radio broadcasting from the twenties to the present also makes a good point. Although it may be 'against the law' to broadcast without a license, it sure isn't against the law to listen! Available from The Radio Collection, \$12.95 postpaid for A*C*E Members. PO Box 149, Briarcliff Manor, NY 10510.

THE LAST WORD FROM KRISTIN KAYE

Hiya!

What a surprise! An incredible volume of mail from The A*C*E membership - looks like we've hit on something useful here, haven't we? There was a common thread among several of your letters - a wish for more information about BBSs and BBSing. So here's a start.

BBSing - in its purest form - is simply a means of information sharing and messaging for personal computer users - and its the fastest growing hobby this country has ever seen! The whole world is going on-line, it seems, and while it may have started out some years ago as an odd way to spend the time enjoyed only by digit heads who spoke in perfectly precise syntax, we're now at the dawn of a new day.

The creative ones among us have learned to apply the technology to non-computer oriented activities. So if you're into information - about any topic that strikes your fancy - this is just the thing for you. The sources of information are many and varied - and the answers are out there to any question you can come up with!

Here's just a sampling. How would you build a weather satellite ground station? Call the DRIG Board at 214-394-7438. What's the latest Media Network Program Schedule? Check the ANARC Board

at 913-345-1978. Where can you put your hands on the freshest geophysical and solar flux data? Try the NOAA Board at 303-497-5000. See what I mean? Whether it's radio, music, games, electronics, bridge playing, stamp collecting or baseball scores, there's a system out there with the answer.

See what you've been missing? Doesn't take a lot to get going, and what a terrific time you're going to have! More next month, and till then, that's the last word.

88a

'KK'

Contact kk and me via the following Internet E-mail addresses:

HAVANAMOON@cup.portal.com

akp@cup.portal.com

Adios . . .

See you at the Denny's on the Beach. Time now for a Taste and . . .

Havana Moon y Amigas
1990

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Continued from page 28

perhaps, and carry everything in a sports bag or something similar.
4. Set up transmitter and everything, start tape running, and leave equipment UNMANNED. Keep monitoring the signal.
5. When program is over, go back, switch off transmitter, and go home!
Always be careful when you are at the site. Ordinary people might see you and think that you're up to something sinister!
Find a number of sites if possible and use a different one each time. Don't use the same site too many times in succession. This is especially important for regular stations.

Personal observations of the Editor (Pete)

U.S. stations should transmit on 15 MHz (day or night) or use 7MHz at night. The ground wave will be very short and much more difficult to detect. Even 7 MHz would be quite short during the day. Medium wave operation should be discouraged. It's easy to detect. Some free radio leaks used to track down medium wave stations for fun! so medium wave is -go unless you're prepared to take some greater risks.
If you're ever at home monitoring your signal and the radio goes dead, it's either that your transmitter is faulty or you've been raided. Don't go back to the site too quickly.
Also, if you are monitoring your signal near your site, watch from a distance, and avoid anyone who turns up!
This is generally how things have been done in the UK for the past 20 years or so. The FM boys use links, but on shortwave don't worry about it. Here's to the U.S. scene!

I thought that was an interesting feature; hope ya liked it. By the way, if yer interested in Activity, ya can write Pete at: 3 Greenway, Harold Park, Romford, Essex, UK RM3 0HH. I'm not sure how much sample copies are to the US & Canada.

Speaking of the UK scene, a guy over there ("Jim") recently reported hearing over 40 different US stations in the past three months. He sent a list around to everyone and it got printed in a few of the Euro zines. I was a bit suspicious anyway, but when I saw that the stations included: KQSB, Crystal Ship, Radio Bag, etc, I 'bout died laughing. Apparently this guy just discovered back issues of PopCom. Its just too bad that so many people got fooled. Oh well, I'm sure that "Jim" will get his!

Well, that's 'bout it for now. Have fun tunin' the bands, 'roundin' up the little doggies, and hustlin' yer mailman--and remember to contribute to the ACE! 73fr...AY

ASSOCIATION OF CLANDESTINE RADIO ENTHUSIASTS
P. O. Box 11201
Shawnee Mission, KS 66207-0201

The A+C*E is an association of individuals, who find pirate, clandestine and covert communications an interesting part of their radio listening hobby. The primary existence of the club revolves around the publication of a monthly bulletin, The A+C*E. The bulletin reports on pirate, clandestine, covert and other unexplained broadcasts. Also, the readers are provided with other available material concerning motives, explanations and theories behind these various broadcasts and broadcasters. The ACE as an organization, does not encourage, support or condone any illegal activity; we simply seek to understand the nature and reasoning behind such broadcasts. If your interests include listening to pirate radio stations, clandestine broadcasts and covert communications, The A+C*E is for you!!

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Kirk Baxter Dialogs
Don Bishop Features
Harry Helms Covert Corner
Havana Moon The Los Numeros Update
Andrew Yoder DX Clip Board
George Zeller Clandestine Profile

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